

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
 Data File : BE098173.D
 Acq On : 7 Nov 2018 14:38
 Operator : SJ/JU
 Sample : J5820-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C19013081MSD

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:37:54 PM

Quant Time: Nov 07 16:49:47 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 01 13:00:52 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	793	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3811	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3490	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	7181	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8058	0.40	ng	0.00
34) Perylene-d12	24.01	264	7927	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.46	112	528	0.22	ng	0.00
5) Phenol-d6	7.04	99	503	0.13	ng	0.00
8) Nitrobenzene-d5	9.02	82	1871	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	12.27	152	2936m	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	797	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	5563	0.39	ng	-0.01
25) Fluoranthene-d10	19.31	212	40650	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	11605	0.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	222	0.188	ng	# 50
3) n-Nitrosodimethylamine	3.69	42	421	0.267	ng	# 59
6) bis(2-Chloroethyl)ether	7.29	93	1148	0.405	ng	# 79
9) Naphthalene	10.72	128	30349	0.797	ng	# 89
10) Hexachlorobutadiene	11.00	225	894	0.358	ng	# 93
12) 2-Methylnaphthalene	12.34	142	4562	0.671	ng	# 87
16) Acenaphthylene	14.25	152	12407	0.779	ng	# 46
17) Acenaphthene	14.60	154	16062	1.680	ng	# 88
18) Fluorene	15.58	166	43450	3.425	ng	# 94
20) 4-Bromophenyl-phenylether	16.46	248	1866	0.426	ng	# 71
21) Hexachlorobenzene	16.59	284	1768	0.386	ng	# 86
22) Pentachlorophenol	16.94	266	1401	1.169	ng	# 97
23) Phenanthrene	17.33	178	43101	2.423	ng	# 96
24) Anthracene	17.41	178	12734	0.753	ng	# 95
26) Fluoranthene	19.34	202	10839	0.486	ng	# 96
28) Pyrene	19.70	202	11407	0.519	ng	# 98
30) Benzo(a)anthracene	21.45	228	11356	0.482	ng	# 96
31) Chrysene	21.50	228	10664	0.458	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.37	149	61425	1.033	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.71	276	10552	0.436	ng	# 97
35) Benzo(b)fluoranthene	23.23	252	10055	0.450	ng	# 91
36) Benzo(k)fluoranthene	23.28	252	9878	0.427	ng	# 91
37) Benzo(a)pyrene	23.90	252	9756	0.447	ng	# 91
38) Dibenzo(a,h)anthracene	26.73	278	9334	0.459	ng	# 95
39) Benzo(g,h,i)perylene	27.53	276	9174	0.453	ng	# 91

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

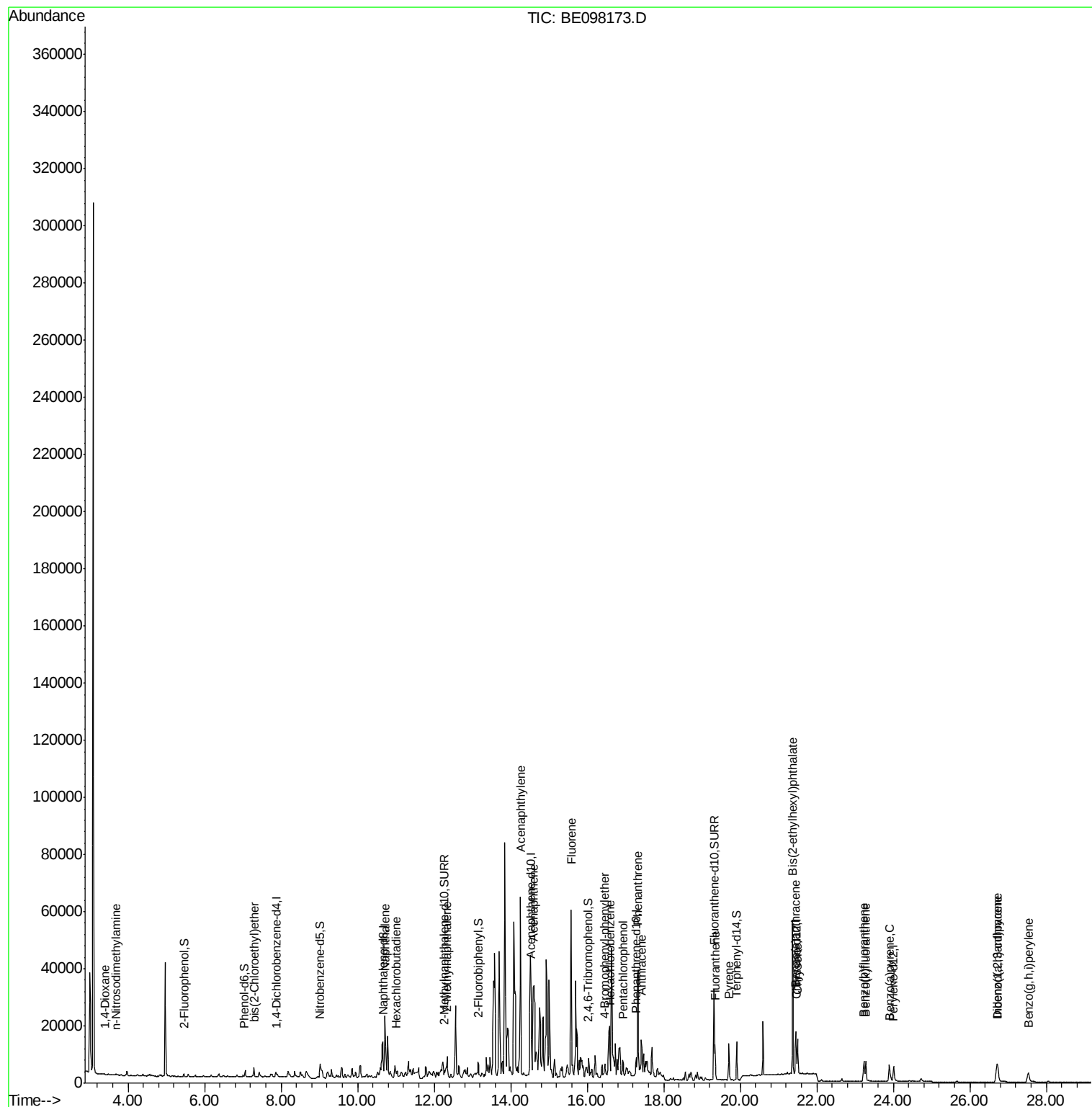
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
Data File : BE098173.D
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QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

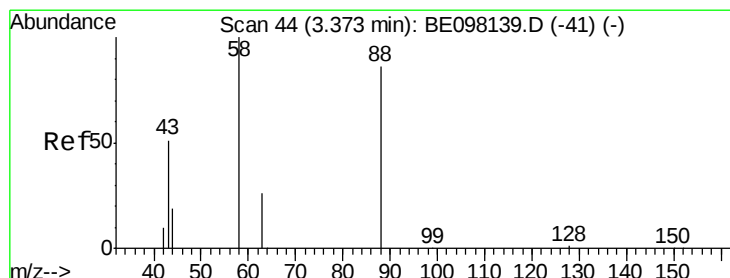
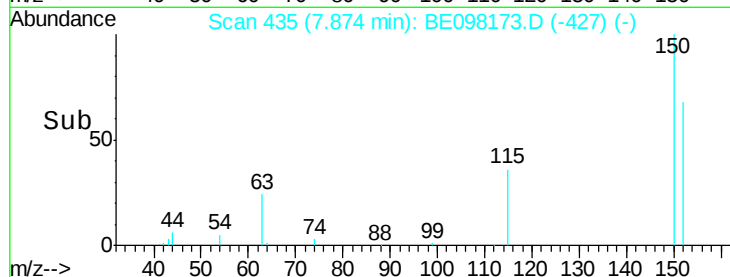
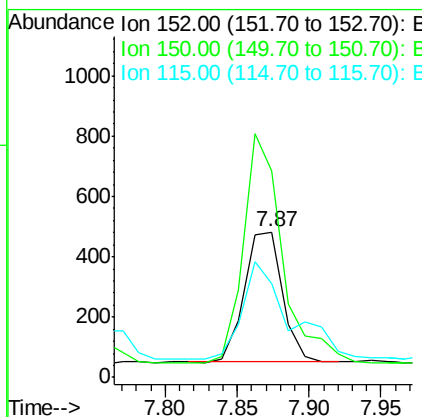
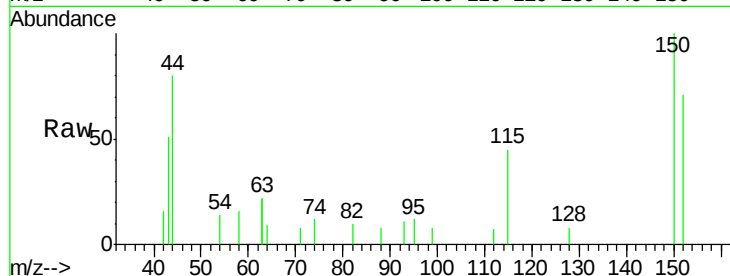
ClientSampleId :

C19013081MSD

Tgt Ion:	152	Resp:	793
Ion Ratio	Lower	Upper	
152	100		
150	141.7	118.2	177.4
115	64.3	50.9	76.3

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#2

1,4-Dioxane

Concen: 0.188 ng

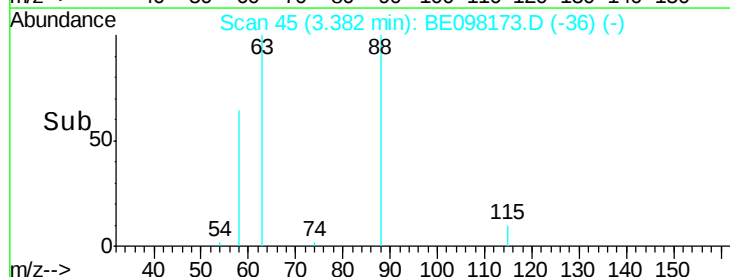
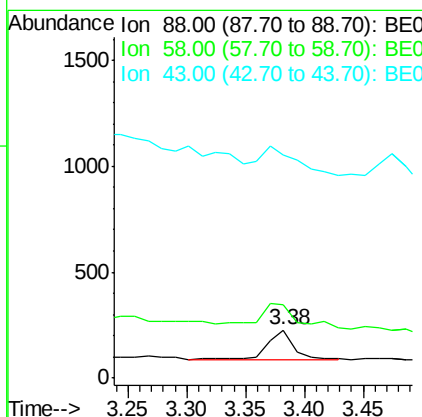
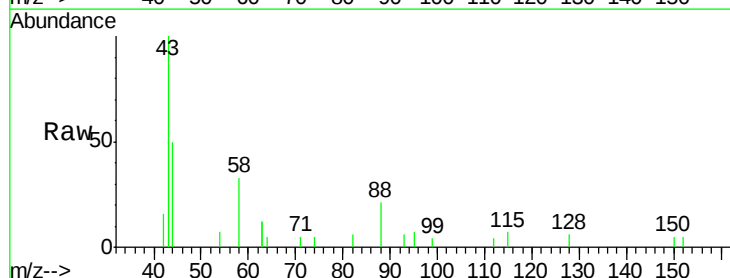
RT: 3.38 min Scan# 45

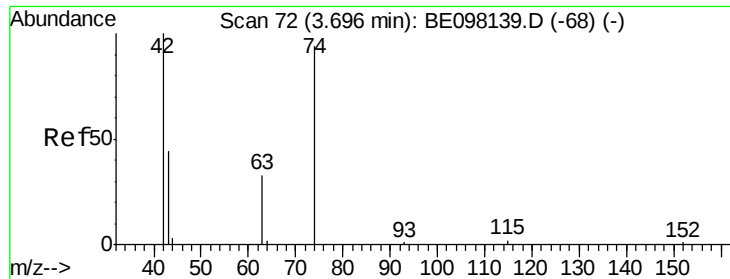
Delta R.T. 0.01 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	88	Resp:	222
Ion Ratio	Lower	Upper	
88	100		
58	97.3	73.2	109.8
43	137.4	36.9	55.3#





#3

n-Nitrosodimethylamine

Concen: 0.267 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

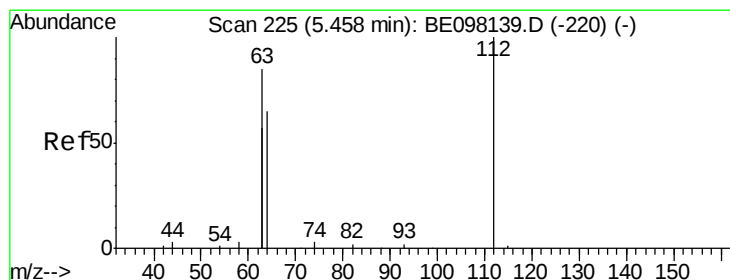
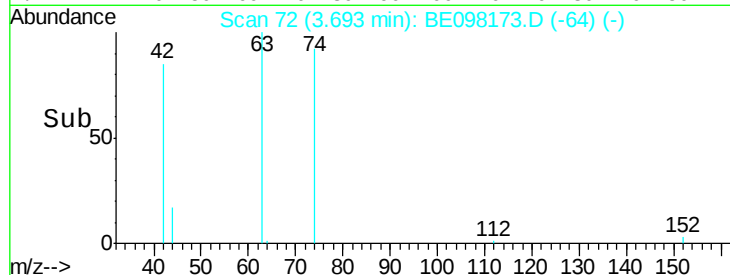
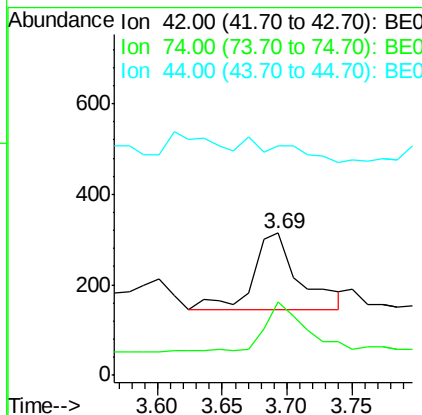
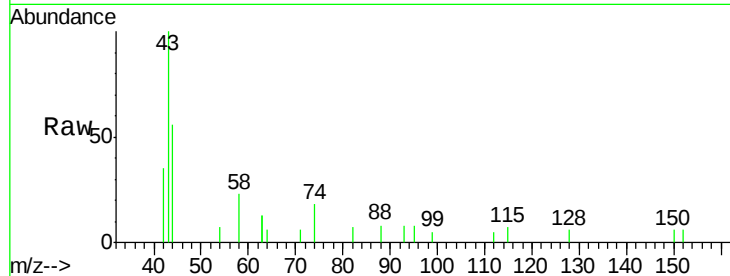
ClientSampleId :

C19013081MSD

Tgt Ion:	42	Resp:	421
Ion Ratio	Lower	Upper	
42	100		
74	55.1	77.6	116.4#
44	0.0	7.6	11.4#

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#4

2-Fluorophenol

Concen: 0.224 ng

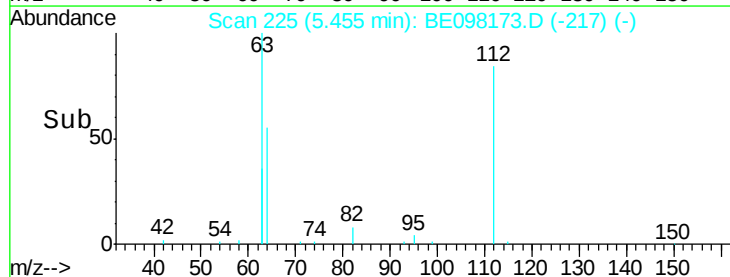
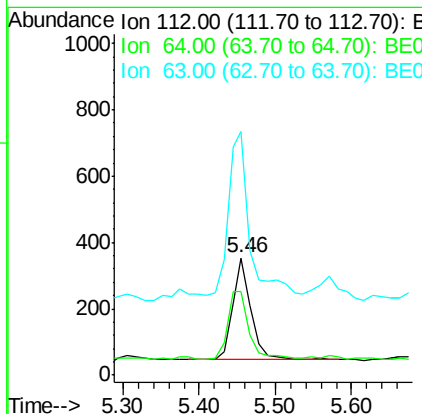
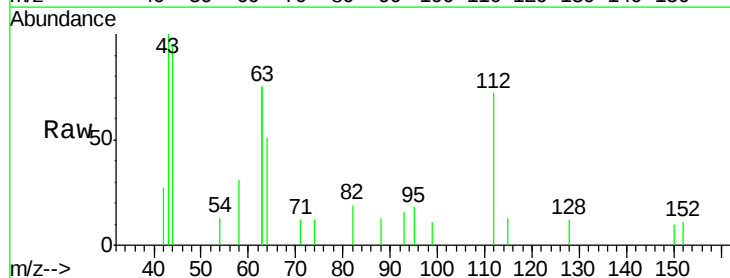
RT: 5.46 min Scan# 225

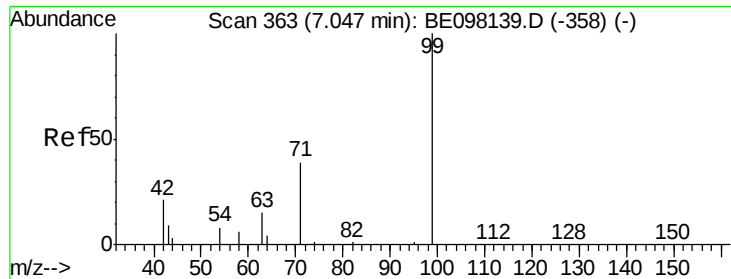
Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	112	Resp:	528
Ion Ratio	Lower	Upper	
112	100		
64	75.9	58.9	88.3
63	188.3	120.3	180.5#





#5

Phenol-d6

Concen: 0.130 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

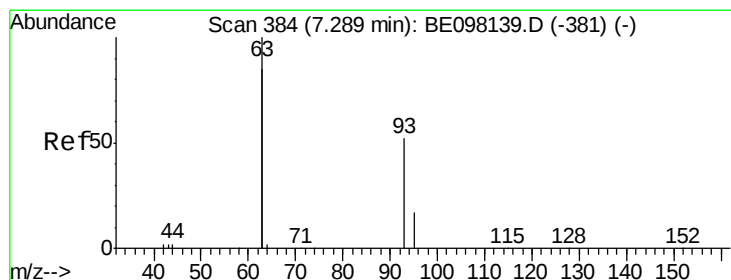
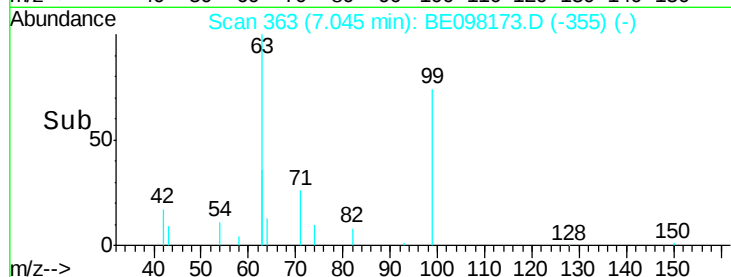
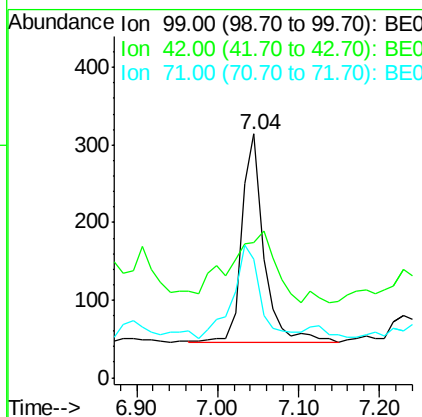
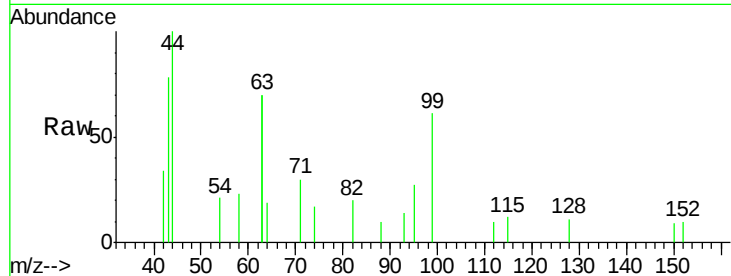
ClientSampleId :

C19013081MSD

Tgt Ion:	99	Resp:	503
Ion	Ratio	Lower	Upper
99	100		
42	71.0	19.9	29.9#
71	0.0	27.8	41.8#

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#6

bis(2-Chloroethyl)ether

Concen: 0.405 ng

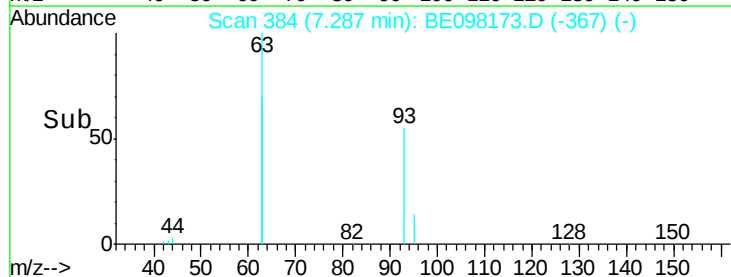
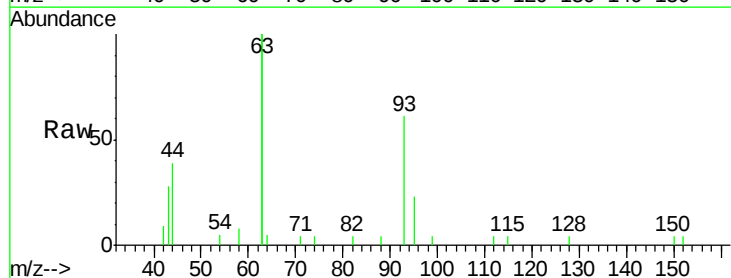
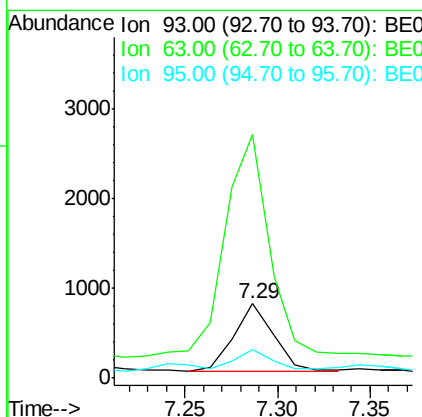
RT: 7.29 min Scan# 384

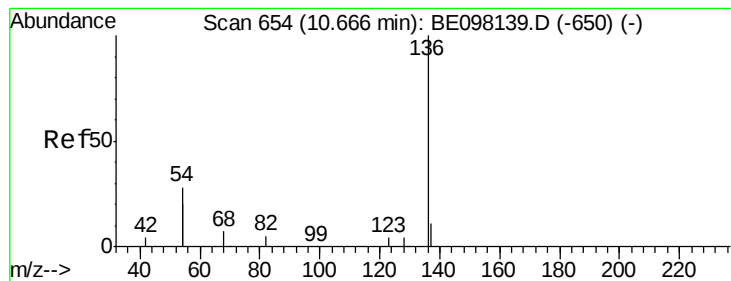
Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	93	Resp:	1148
Ion	Ratio	Lower	Upper
93	100		
63	368.2	259.0	388.4
95	41.1	27.8	41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

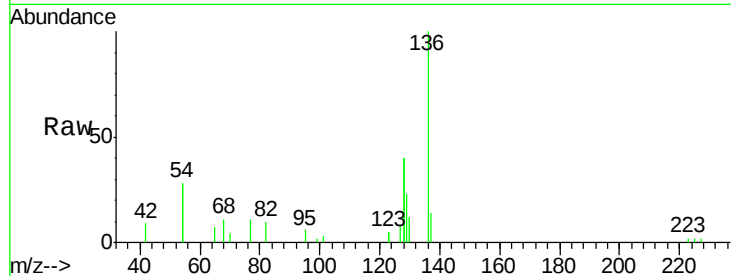
ClientSampleId :

C19013081MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	3811		
137	13.5	9.6	14.4	
54	55.4	27.7	41.5#	
68	10.5	5.3	7.9#	

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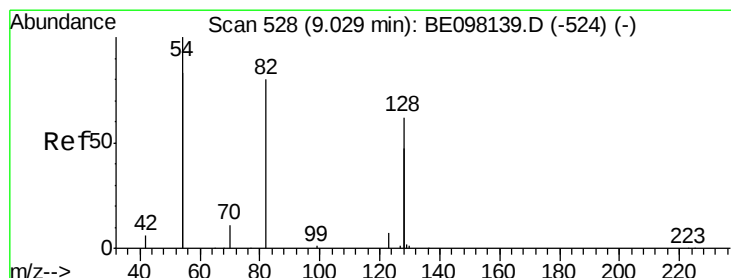
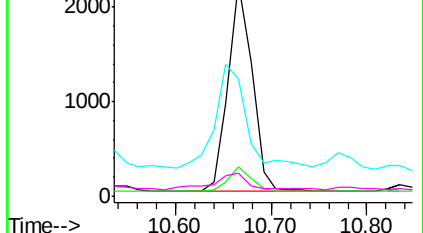
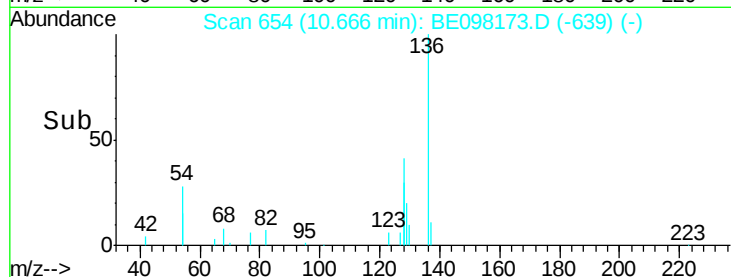


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.458 ng

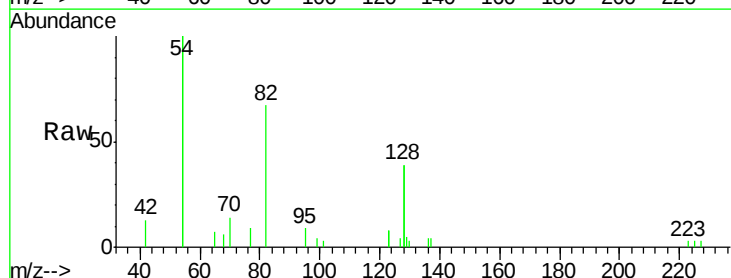
RT: 9.02 min Scan# 527

Delta R.T. -0.01 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

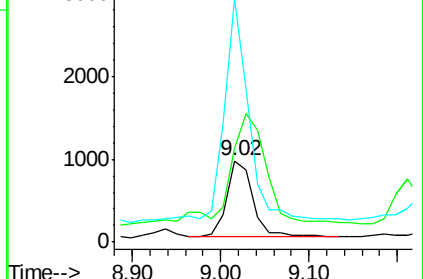
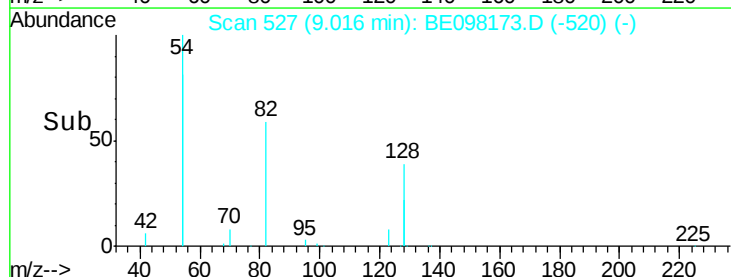
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1871		
128	115.3	129.9	194.9#	
54	298.5	174.0	261.0#	

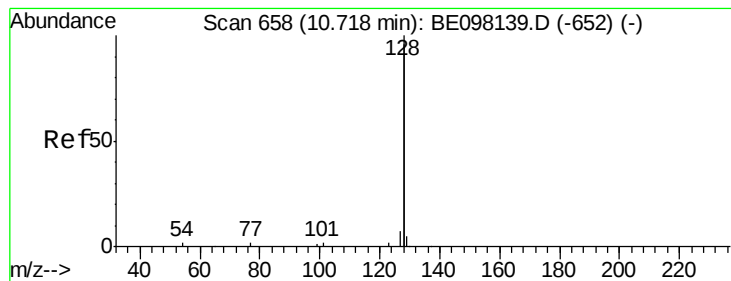


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.797 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

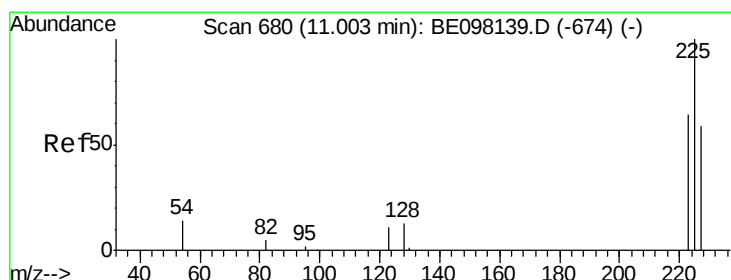
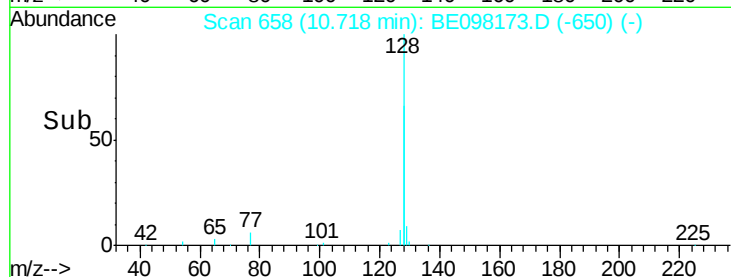
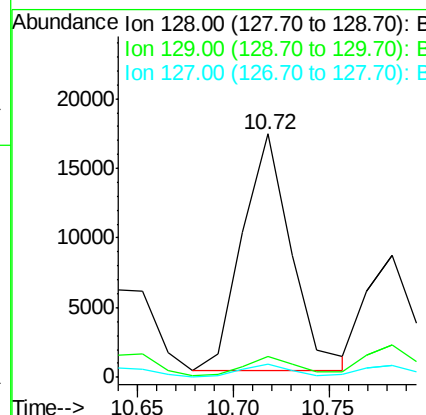
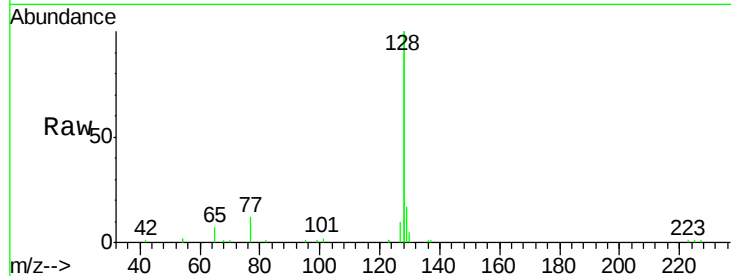
ClientSampleId :

C19013081MSD

Tgt Ion:	128	Resp:	30349
Ion Ratio	Lower	Upper	
128	100		
129	8.6	2.5	3.7#
127	5.2	2.8	4.2#

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.358 ng

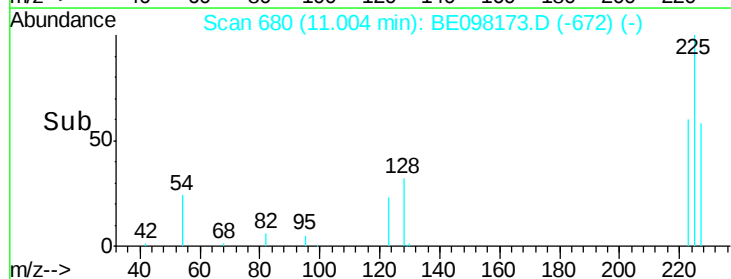
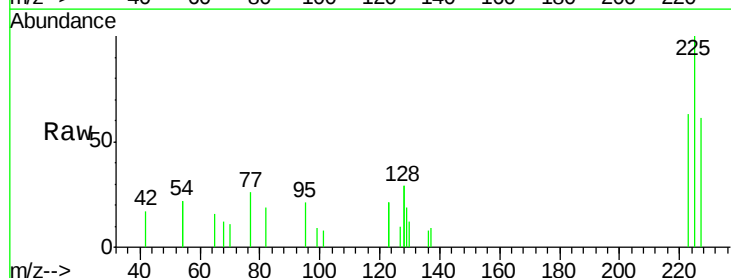
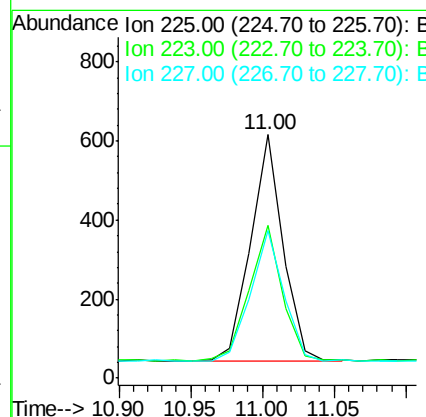
RT: 11.00 min Scan# 680

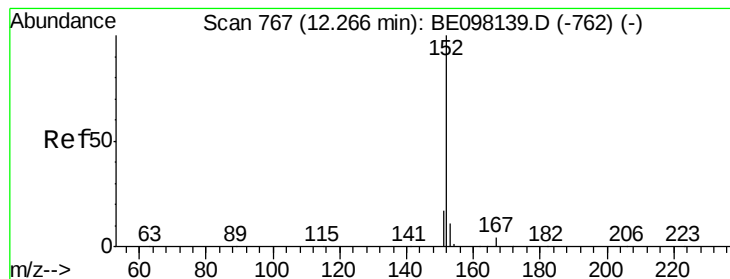
Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	225	Resp:	894
Ion Ratio	Lower	Upper	
225	100		
223	60.3	51.8	77.8
227	59.5	53.0	79.6





#11

2-Methylnaphthalene-d10

Concen: 0.437 ng m

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

Tgt Ion:152 Resp: 2936

Ion Ratio Lower Upper

152 100

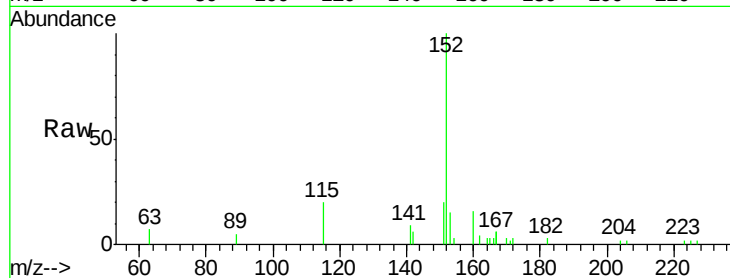
151 20.7 16.2 24.4

Manual Integrations

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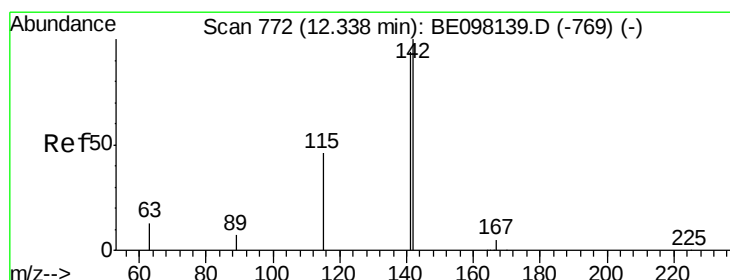
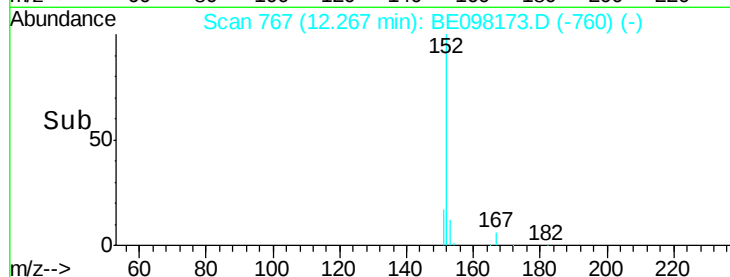
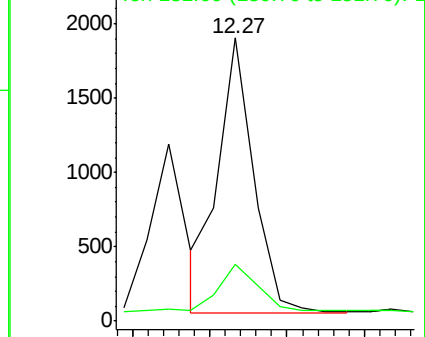
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.671 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

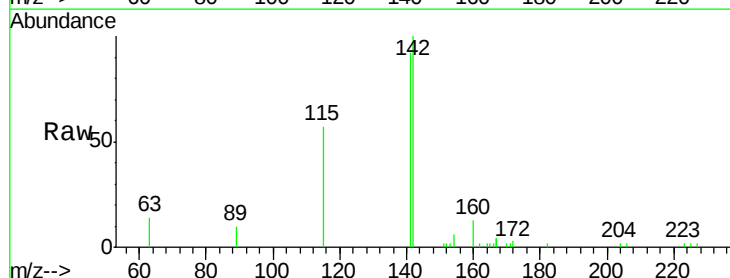
Tgt Ion:142 Resp: 4562

Ion Ratio Lower Upper

142 100

141 92.1 69.8 104.6

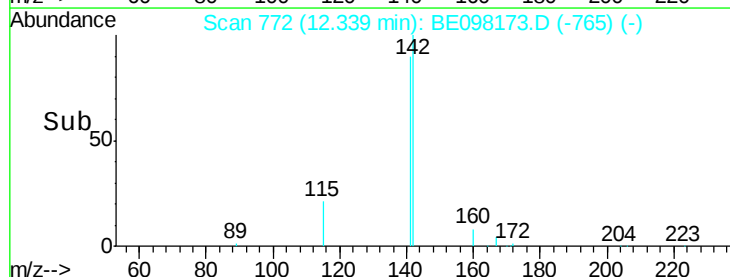
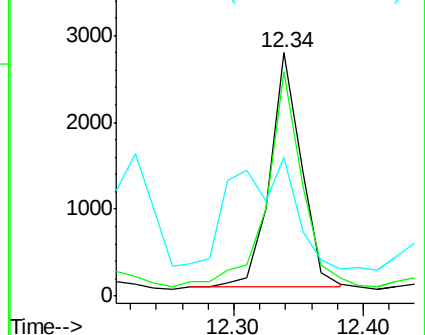
115 56.9 30.5 45.7#

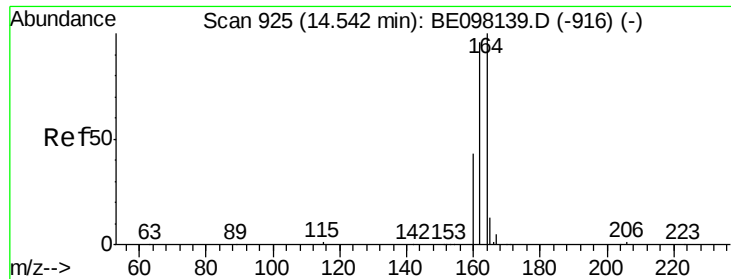


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





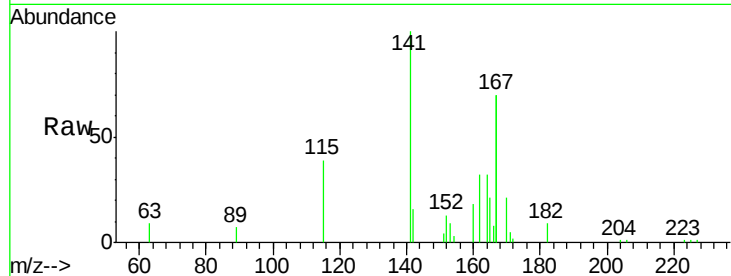
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

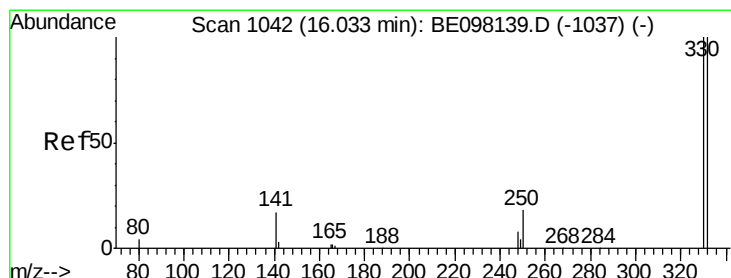
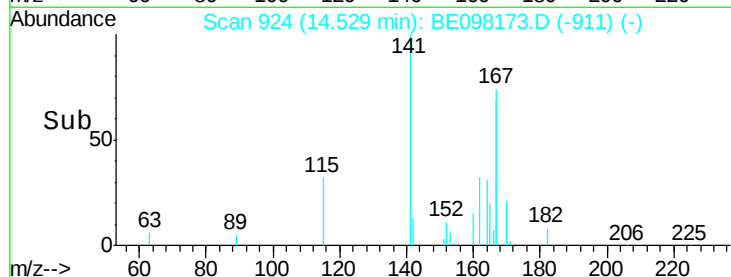
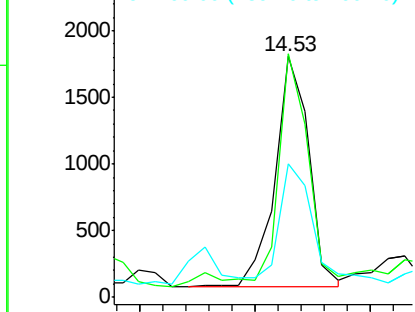
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.4	116.2
160	55.5	36.5	54.7#

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11/9/2018 1:37:54 PM



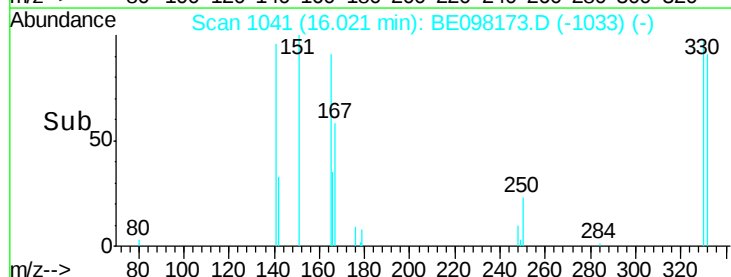
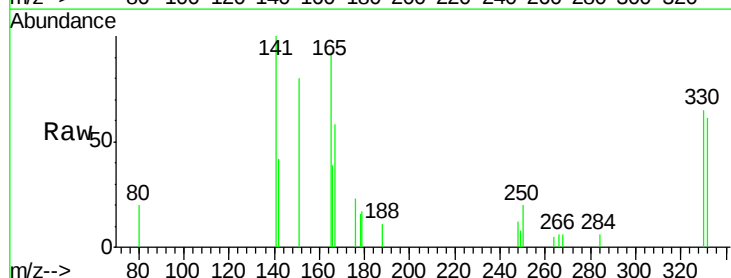
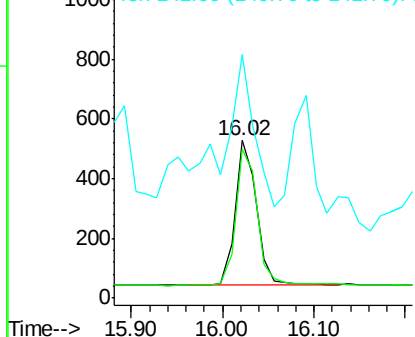
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

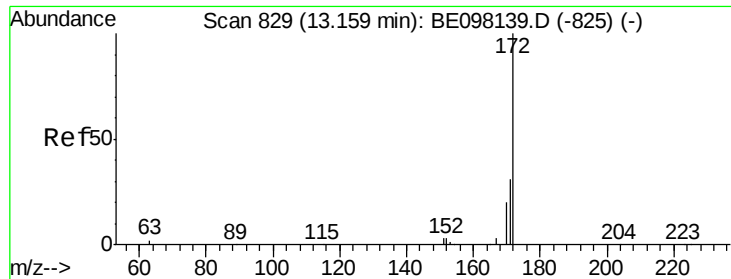


#14
2,4,6-Tribromophenol
Concen: 0.482 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	131.2	31.8	47.6#

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





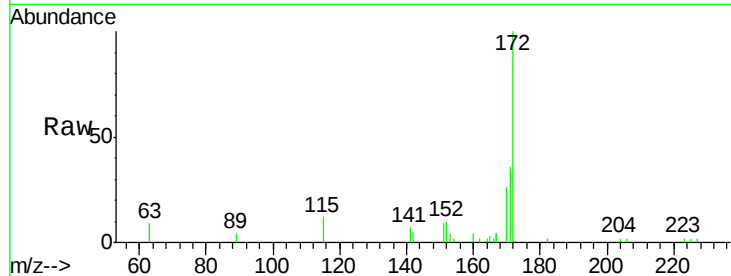
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.0	39.0
170	26.3	18.0	27.0

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11/9/2018 1:37:54 PM

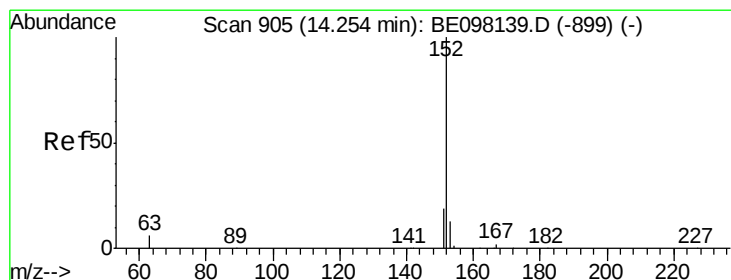
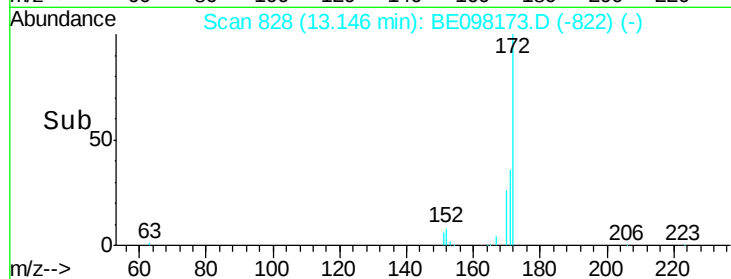
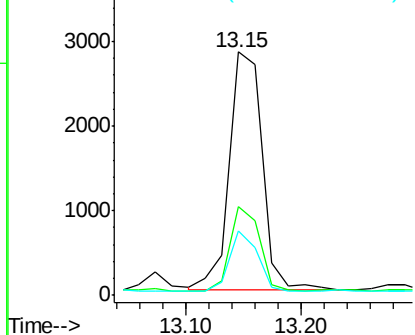


Abundance

Ion 172.00 (171.70 to 172.70): E

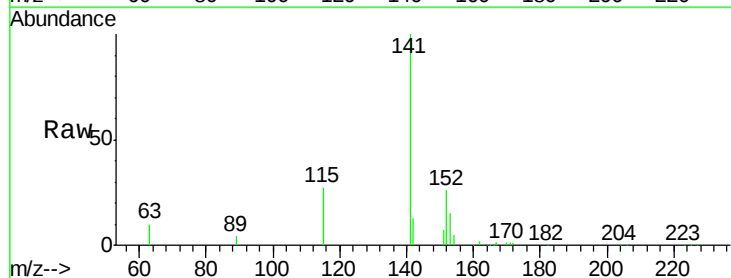
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.779 ng
RT: 14.25 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.0	16.1	24.1#
153	59.6	10.9	16.3#

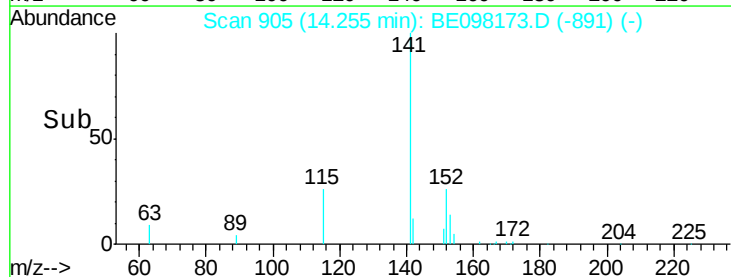
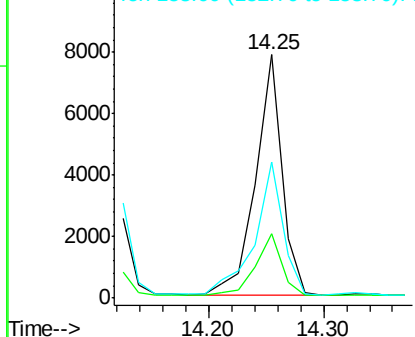


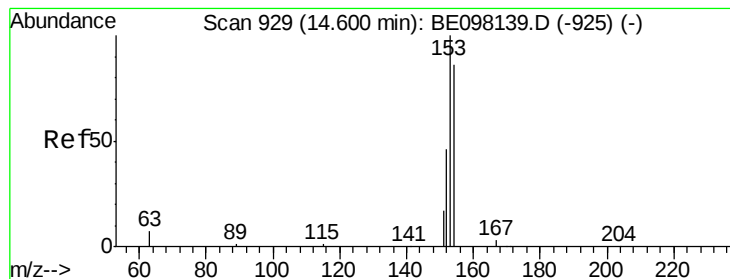
Abundance

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: 1.680 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

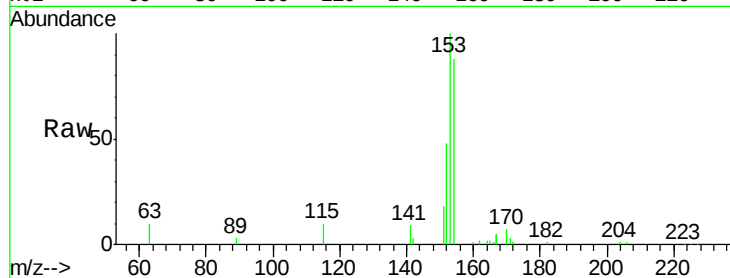
ClientSampleId :

C19013081MSD

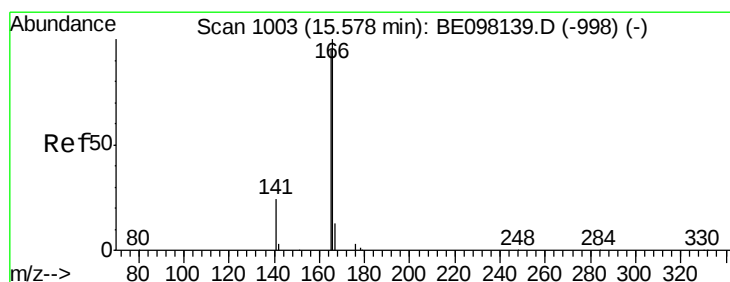
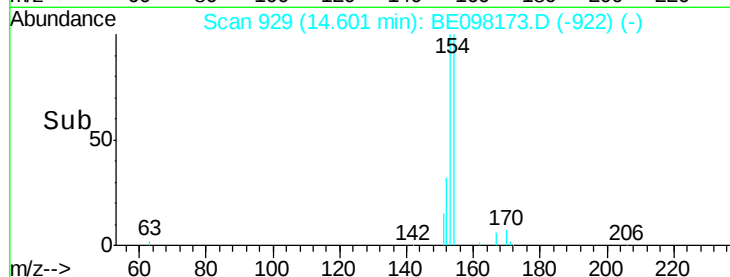
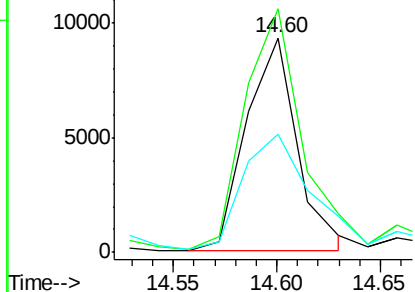
Tgt Ion:	154	Resp:	16062
Ion Ratio	Lower	Upper	
154	100		
153	125.5	92.6	139.0
152	71.3	45.5	68.3#

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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: 3.425 ng

RT: 15.58 min Scan# 1003

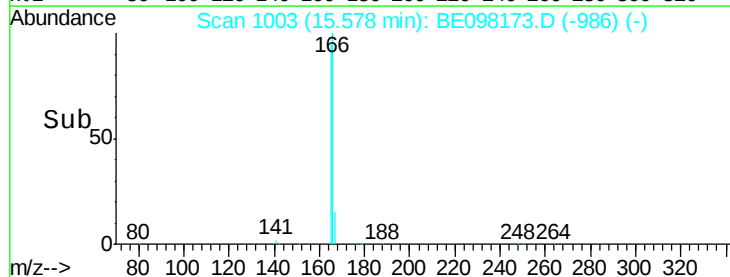
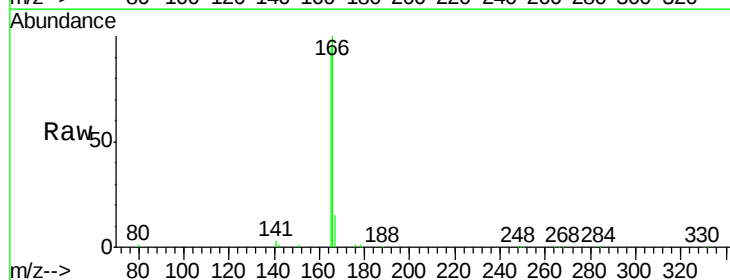
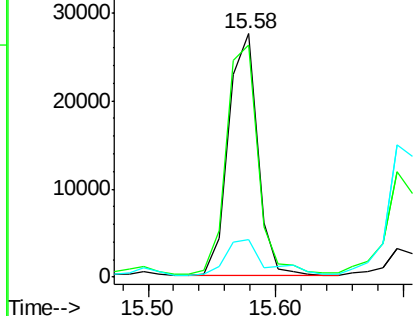
Delta R.T. 0.00 min

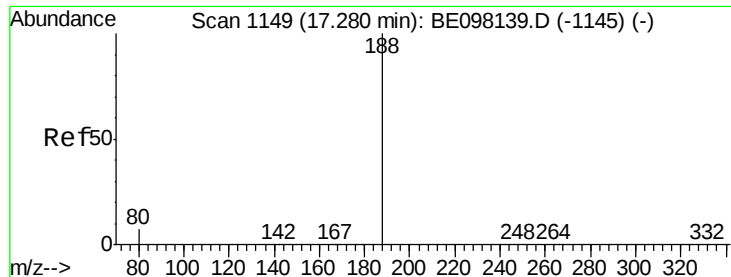
Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	166	Resp:	43450
Ion Ratio	Lower	Upper	
166	100		
165	102.4	78.2	117.4
167	20.7	11.0	16.6#

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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

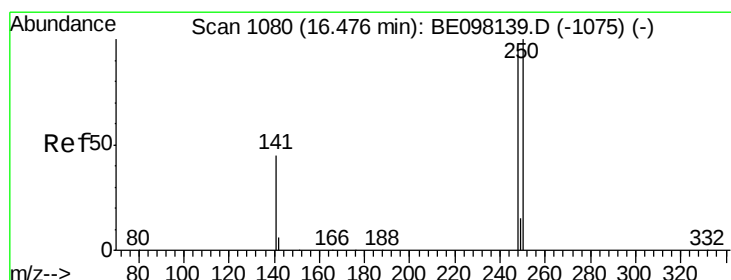
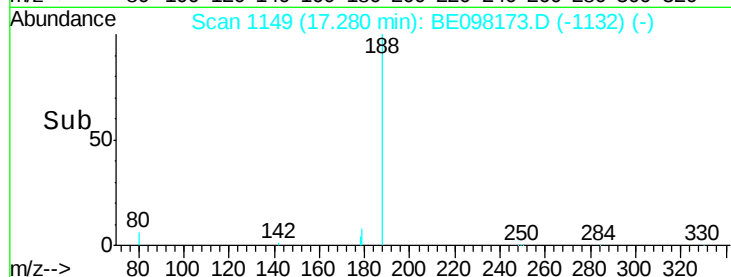
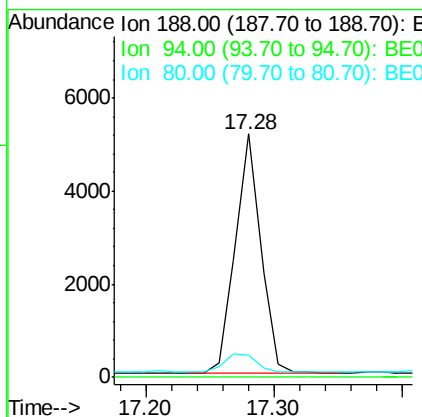
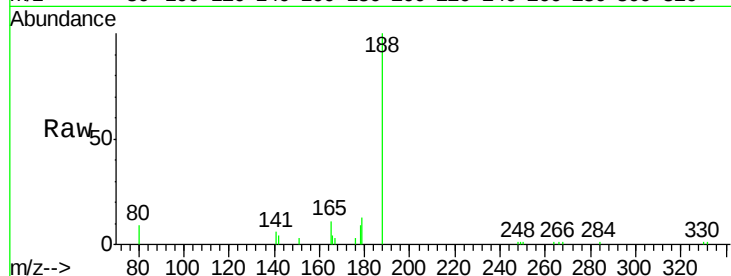
ClientSampleId :

C19013081MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	7181		
94	0.0	0.0	0.0	0.0
80	9.2	6.3	9.5	

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#20

4-Bromophenyl-phenylether

Concen: 0.426 ng

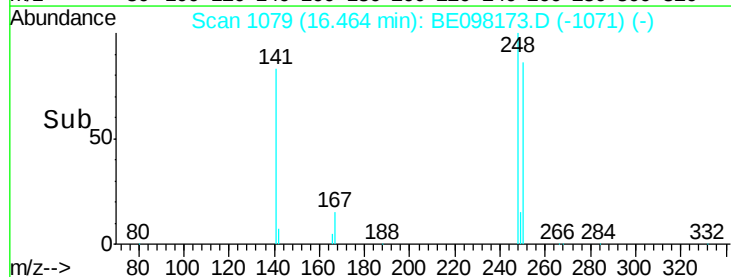
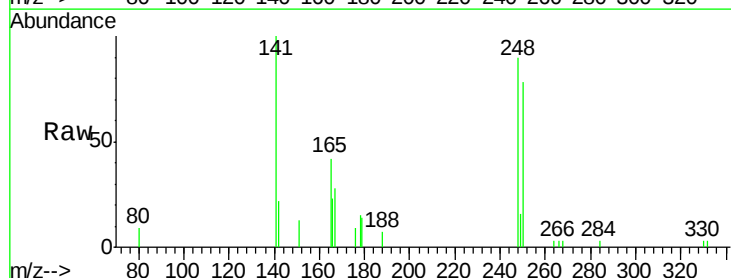
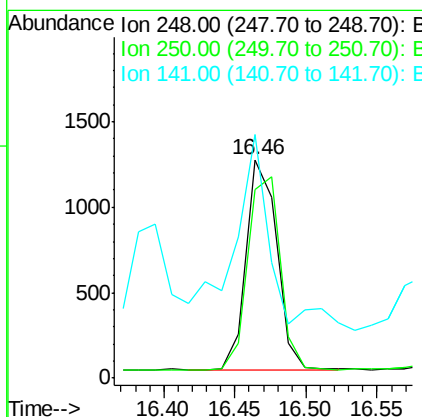
RT: 16.46 min Scan# 1079

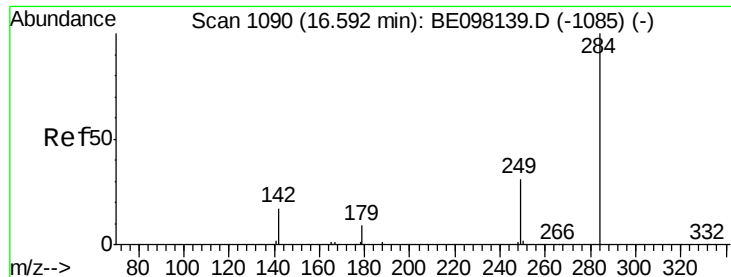
Delta R.T. -0.01 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	1866		
250	86.4	75.1	112.7	
141	111.4	51.8	77.8#	





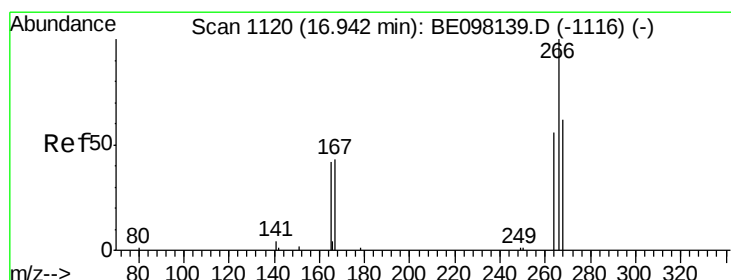
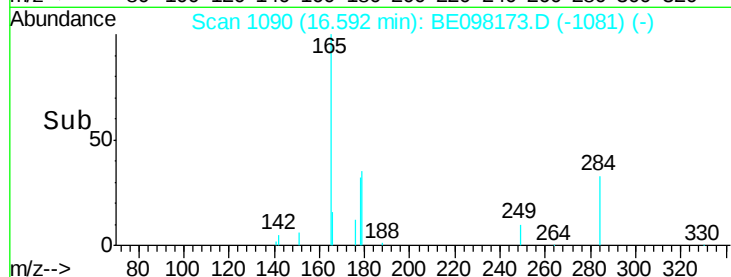
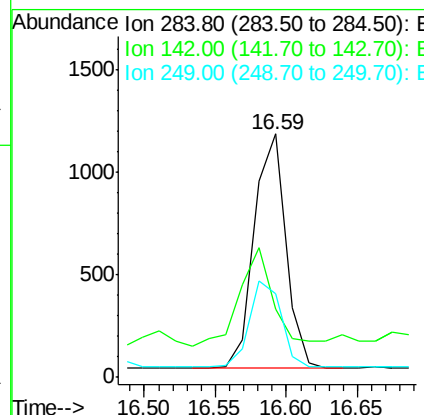
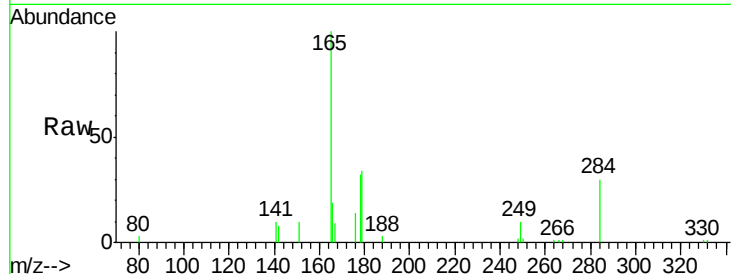
#21
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.2	25.9	38.9#
249	37.2	26.6	40.0

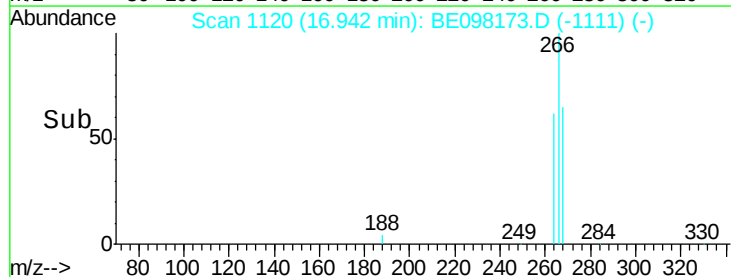
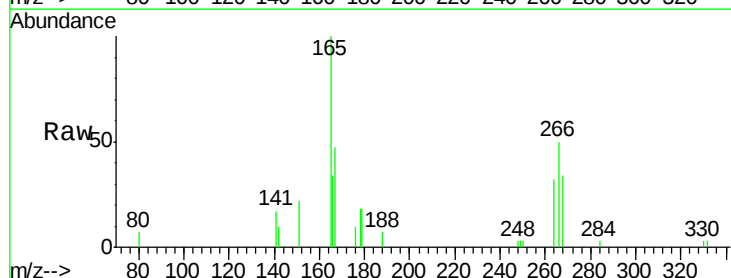
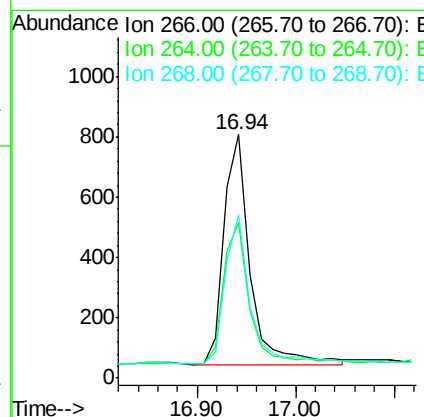
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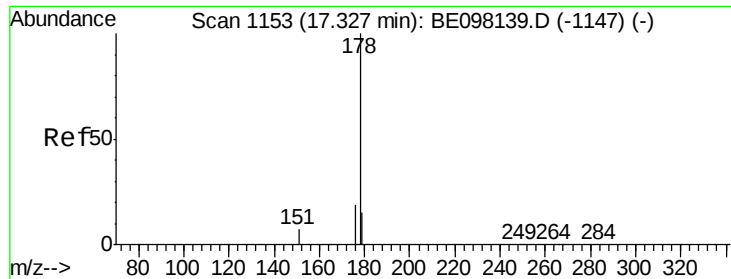
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#22
Pentachlorophenol
Concen: 1.169 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	51.3	76.9
268	67.2	50.1	75.1





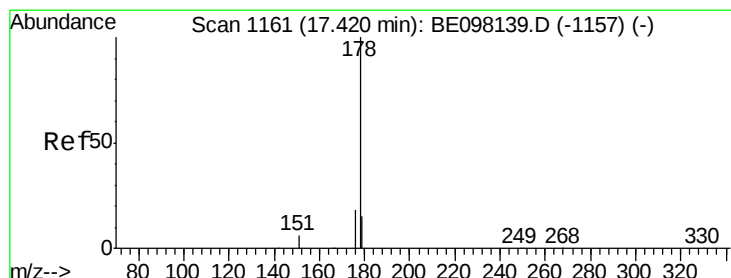
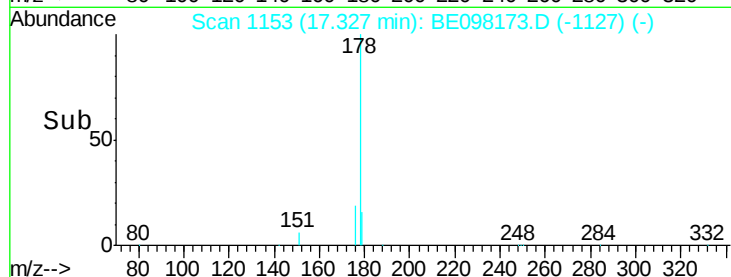
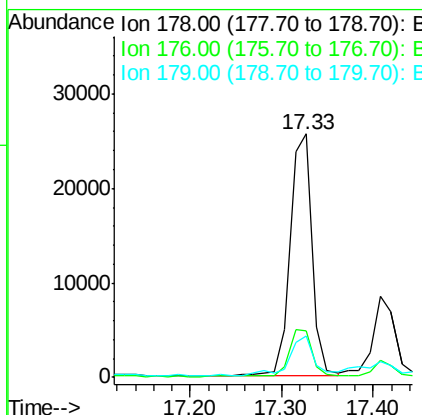
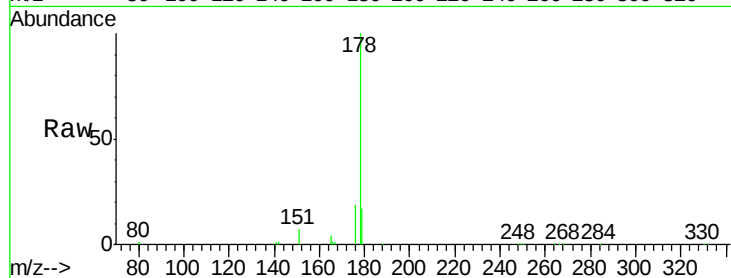
#23
Phenanthrene
Concen: 2.423 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	18.6	12.2	18.4

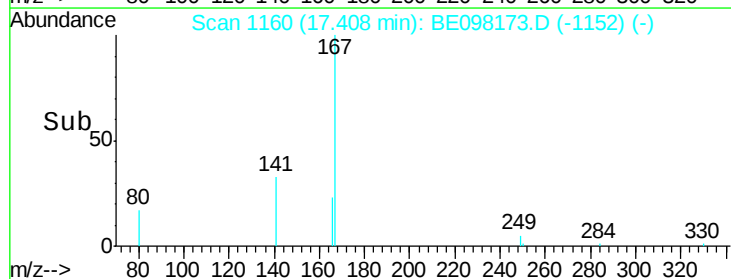
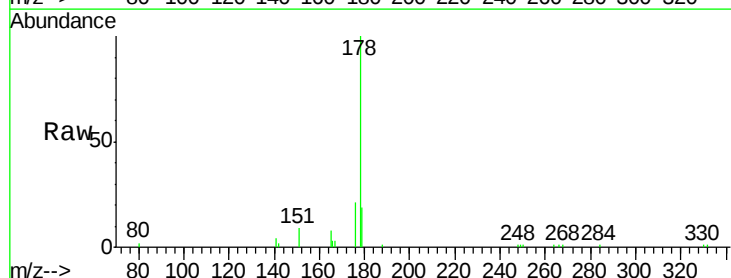
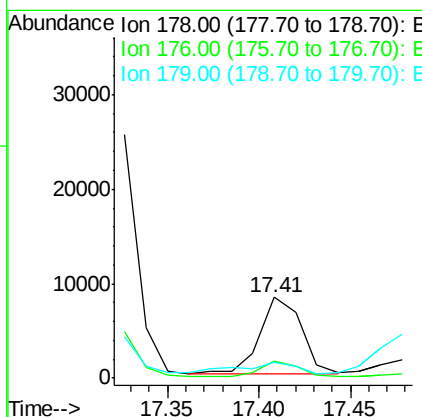
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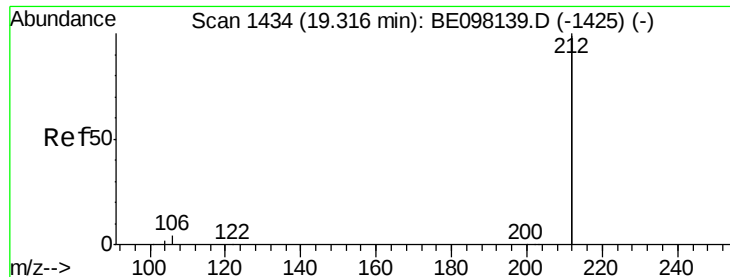
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#24
Anthracene
Concen: 0.753 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	19.6	11.9	17.9





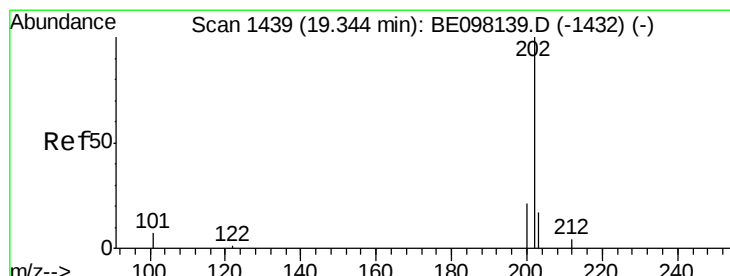
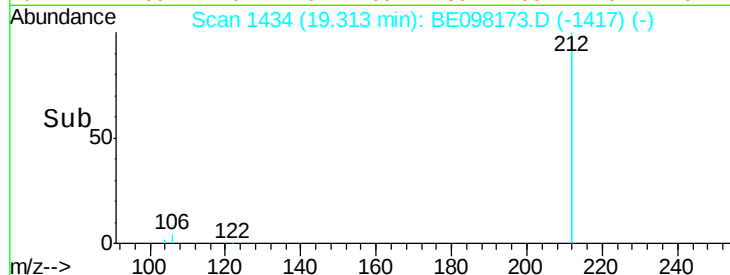
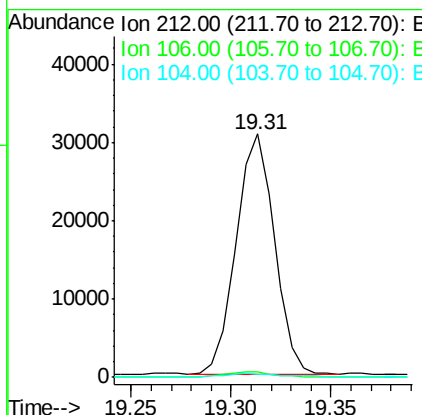
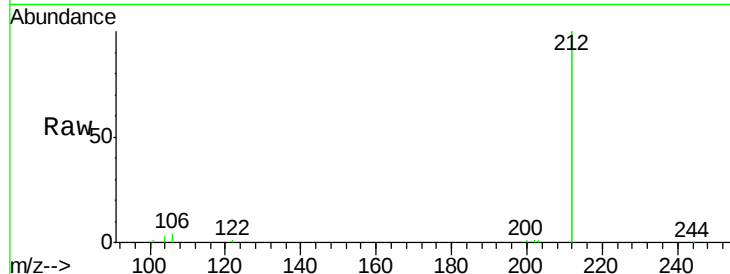
#25
 Fluoranthene-d10
 Concen: 0.439 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098173.D
 Acq: 7 Nov 2018 14:38

Instrument :
 BNA_E
 ClientSampleId :
 C19013081MSD

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.2	2.3	3.5#
104	1.6	1.3	1.9

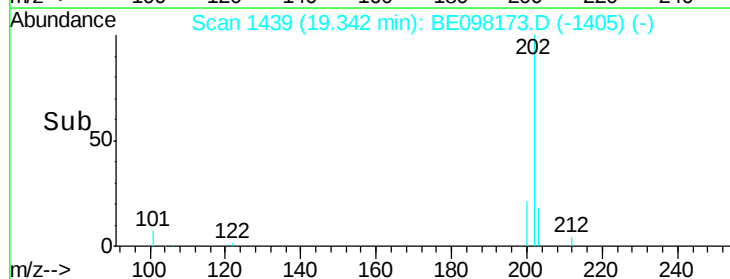
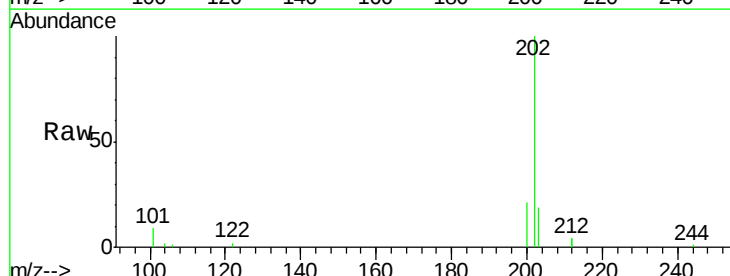
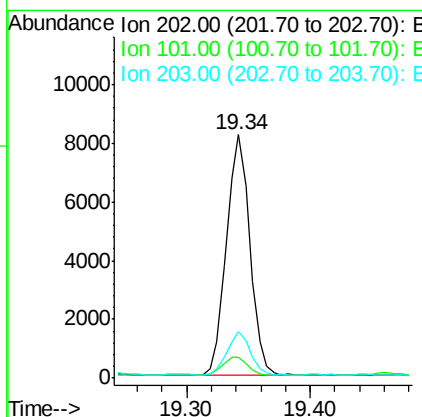
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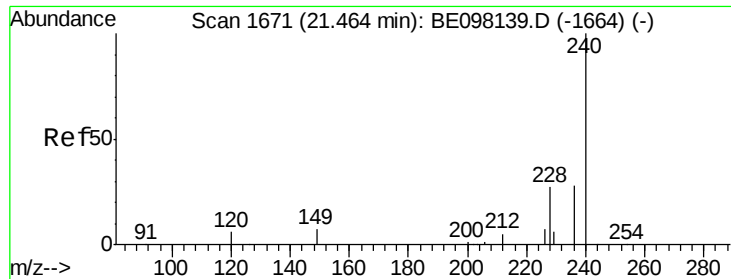
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#26
 Fluoranthene
 Concen: 0.486 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE098173.D
 Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.2	12.2#
203	17.5	15.0	22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

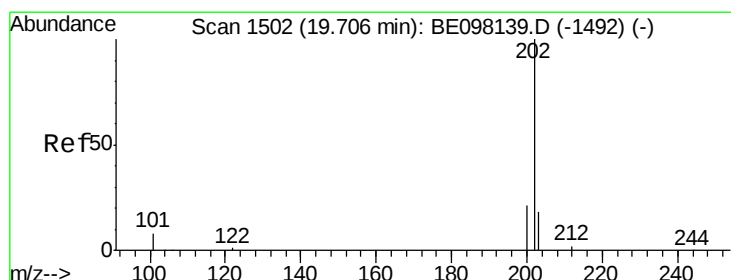
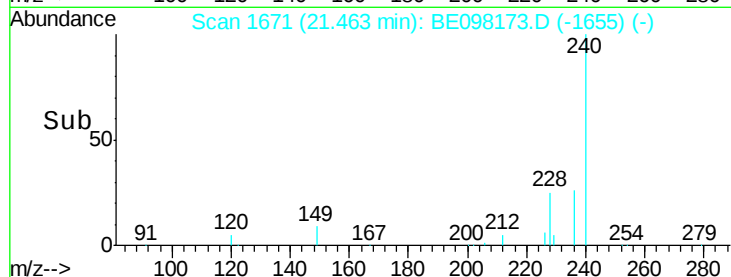
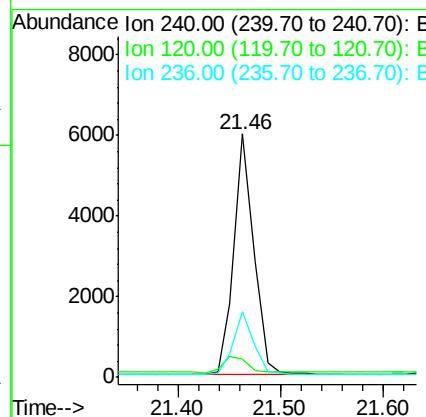
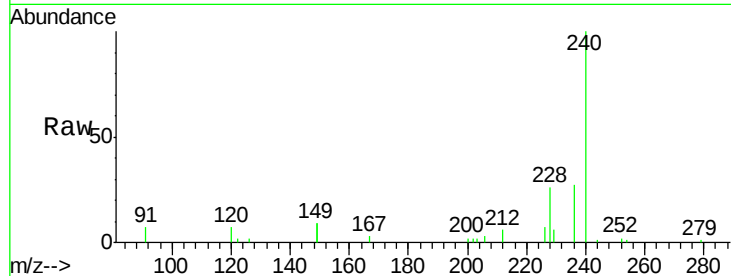
ClientSampleId :

C19013081MSD

Tgt Ion:	240	Resp:	8058
Ion Ratio	Lower	Upper	
240	100		
120	7.3	7.1	10.7
236	27.1	21.3	31.9

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#28

Pyrene

Concen: 0.519 ng

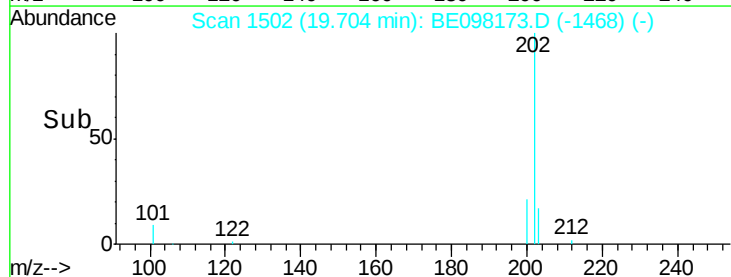
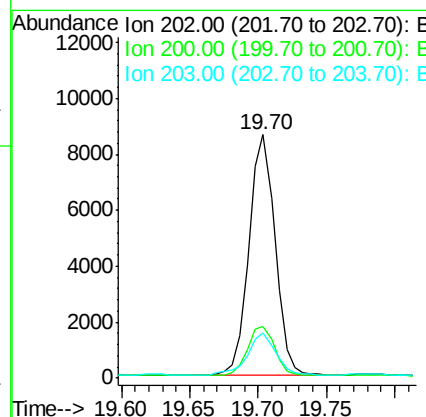
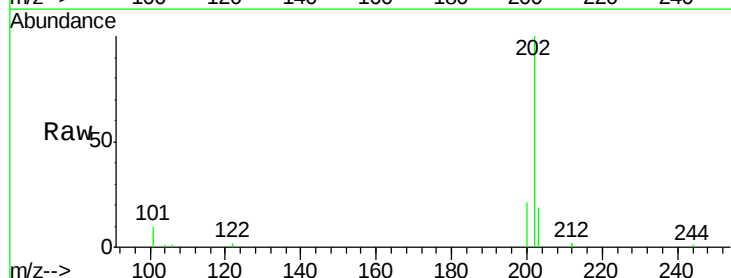
RT: 19.70 min Scan# 1502

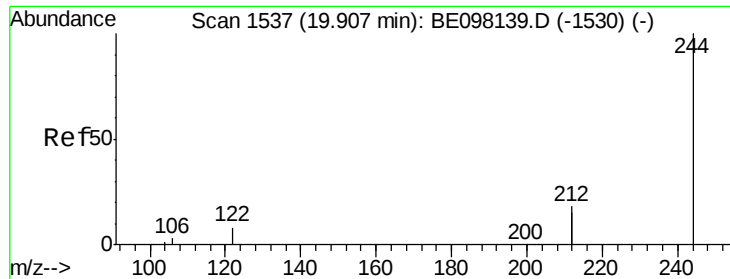
Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	202	Resp:	11407
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	19.2	14.2	21.4





#29

Terphenyl-d14

Concen: 0.619 ng

RT: 19.90 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

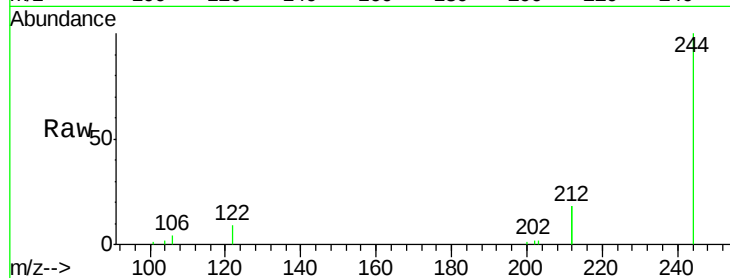
ClientSampleId :

C19013081MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	36.7	26.2	39.2
122	9.1	7.7	11.5

Manual Integrations
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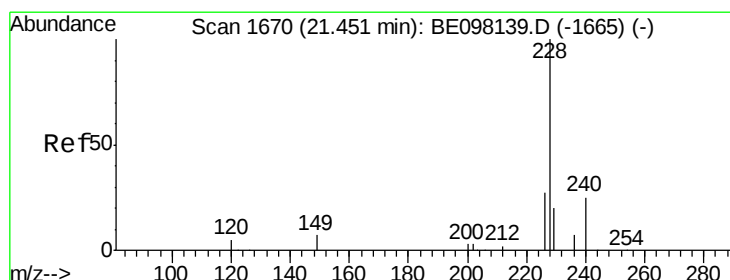
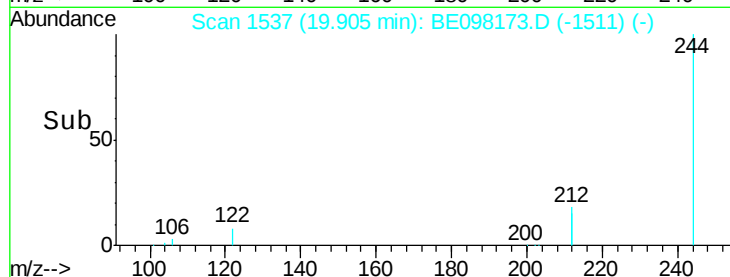
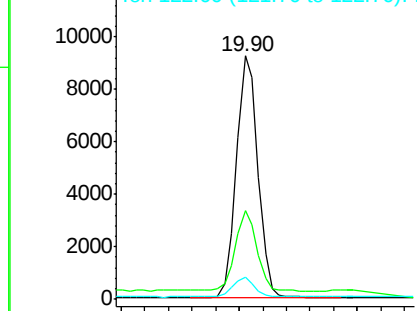


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.482 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

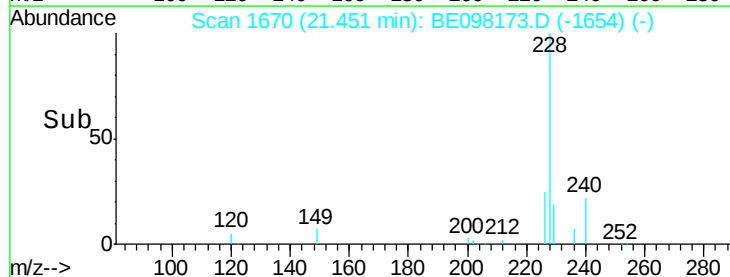
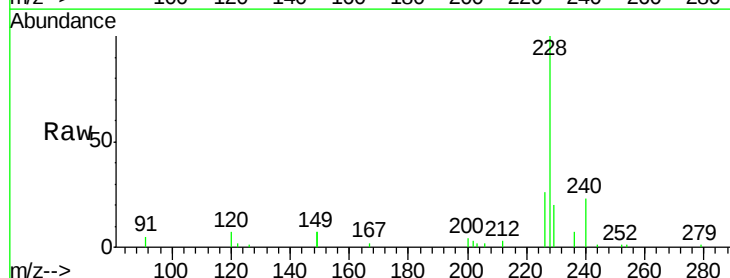
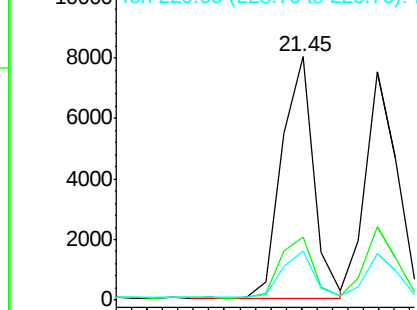
Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.6	33.8
229	20.2	16.9	25.3

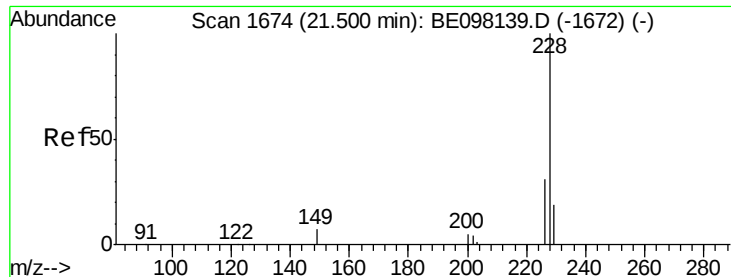
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.458 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

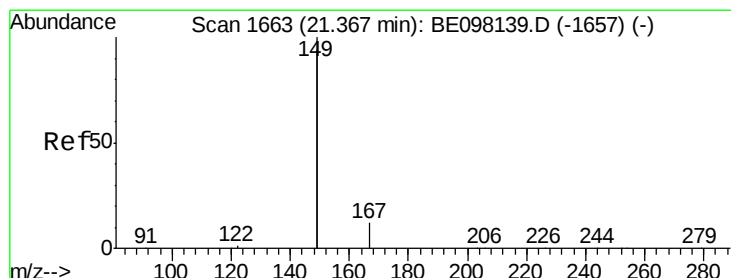
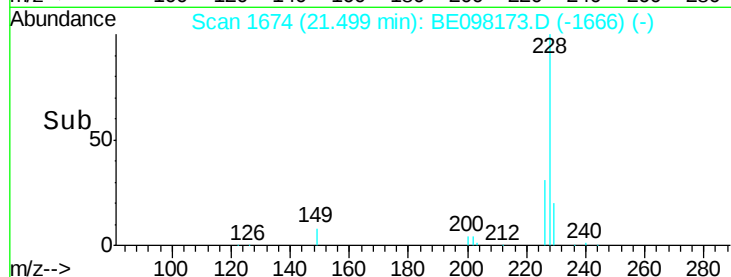
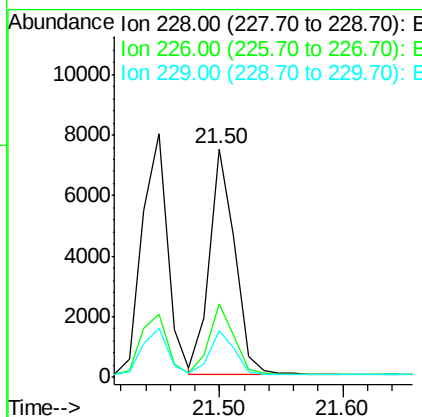
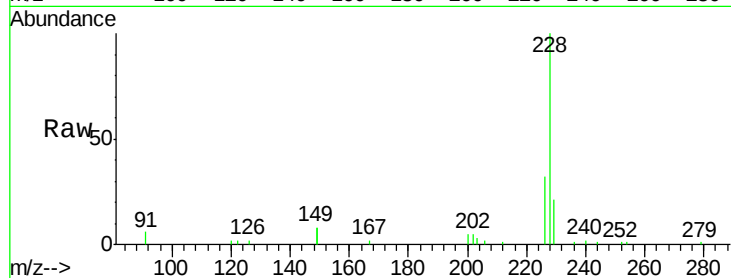
ClientSampleId :

C19013081MSD

Tgt Ion:	228	Resp:	10664
Ion Ratio		Lower	Upper
228	100		
226	32.1	24.3	36.5
229	20.6	17.3	25.9

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11/9/2018 1:37:54 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.033 ng

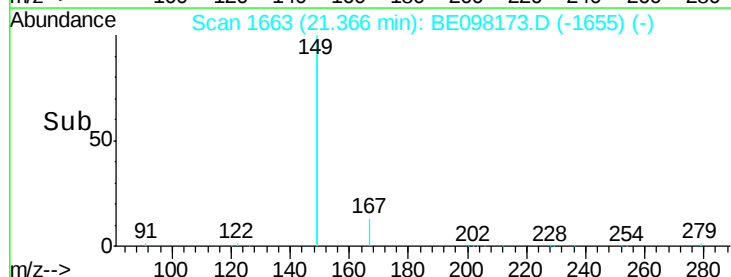
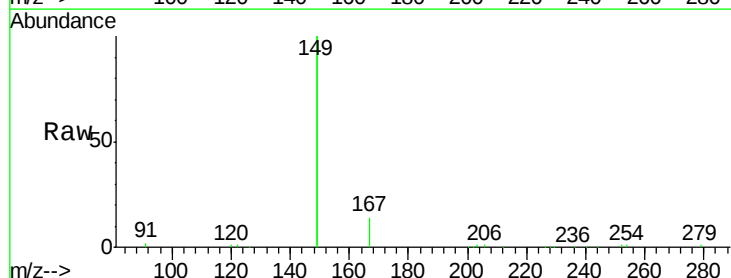
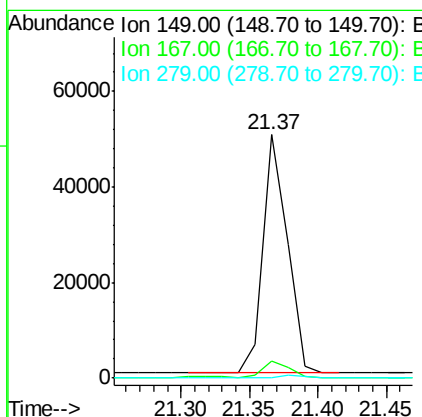
RT: 21.37 min Scan# 1663

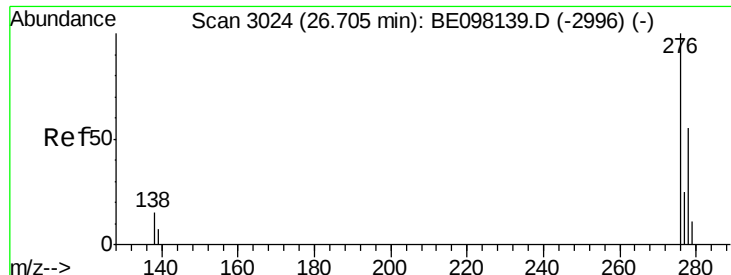
Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion:	149	Resp:	61425
Ion Ratio		Lower	Upper
149	100		
167	7.4	5.6	8.4
279	1.2	0.9	1.3





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.436 ng

RT: 26.71 min Scan# 3024

Delta R.T. 0.00 min

Lab File: BE098173.D

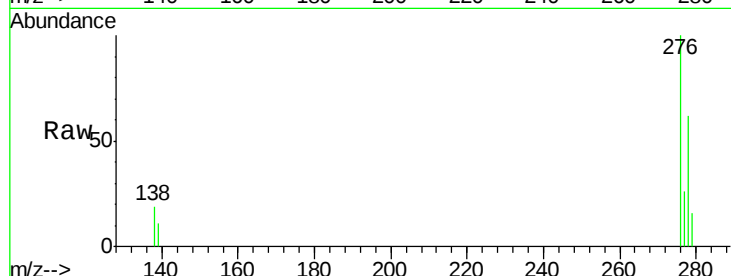
Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

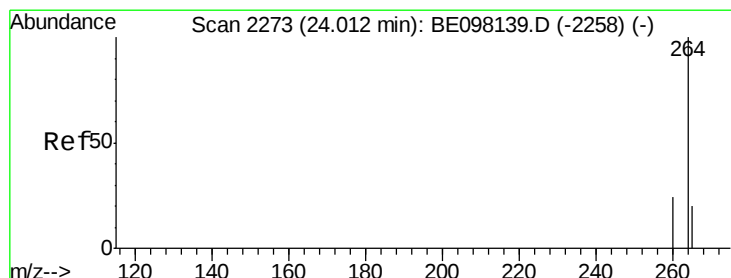
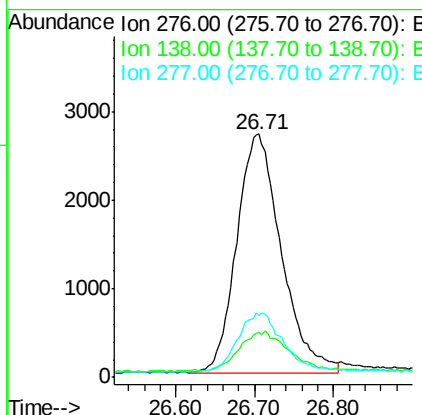
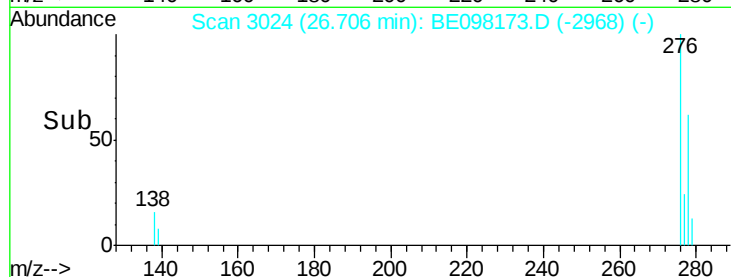
C19013081MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.0	25.6
277	25.4	20.5	30.7

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11/9/2018 1:37:54 PM



#34

Perylene-d12

Concen: 0.400 ng

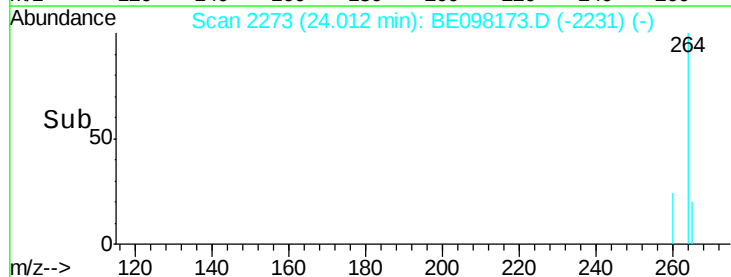
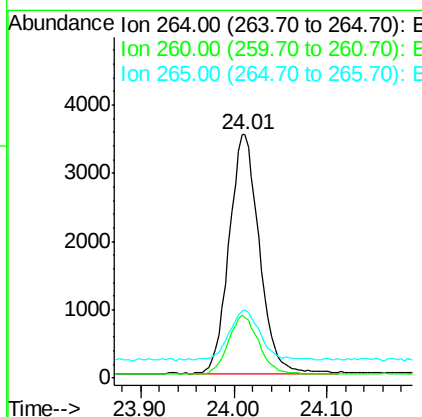
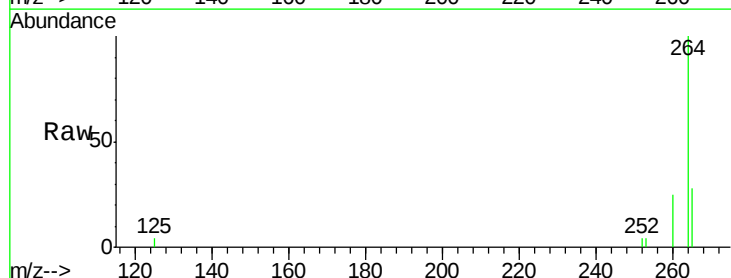
RT: 24.01 min Scan# 2273

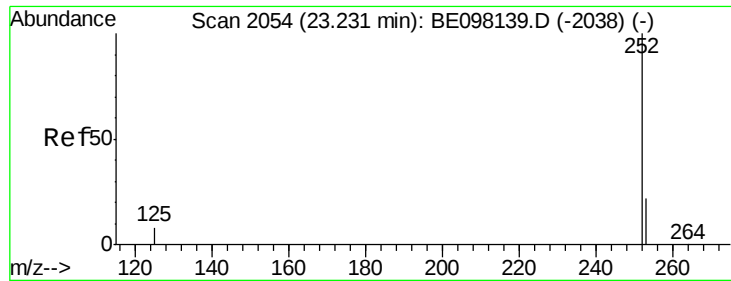
Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.1	31.7
265	28.0	29.2	43.8#





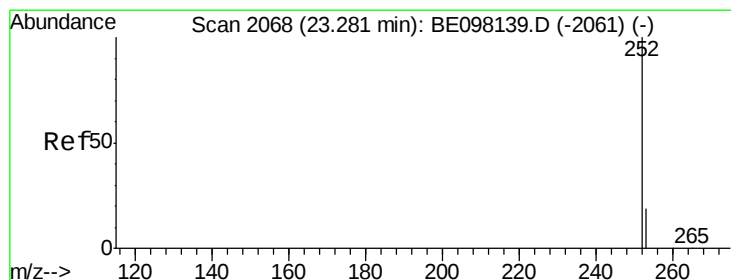
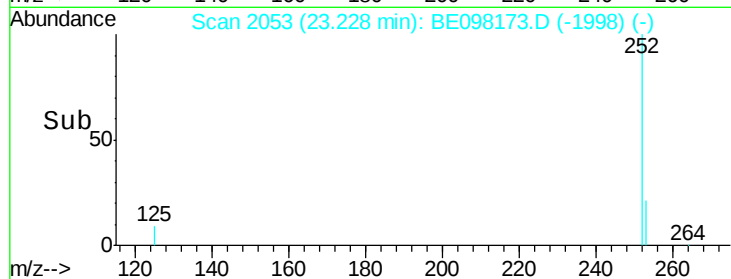
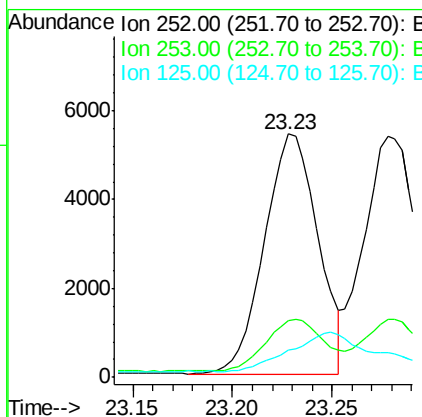
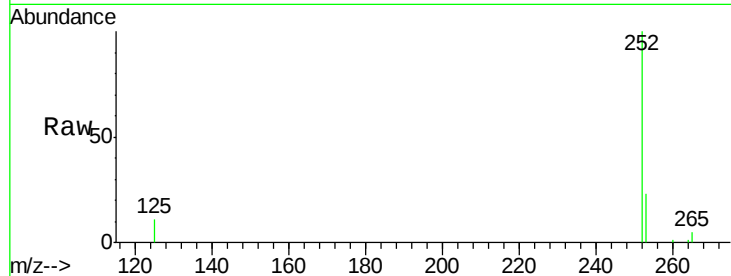
#35
Benzo(b)fluoranthene
Concen: 0.450 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Instrument :
BNA_E
ClientSampleId :
C19013081MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	31.0
125	11.4	14.3	21.5

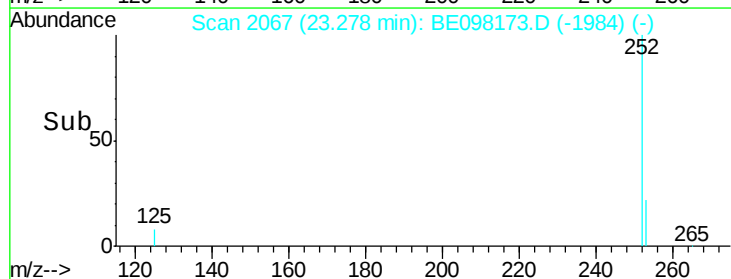
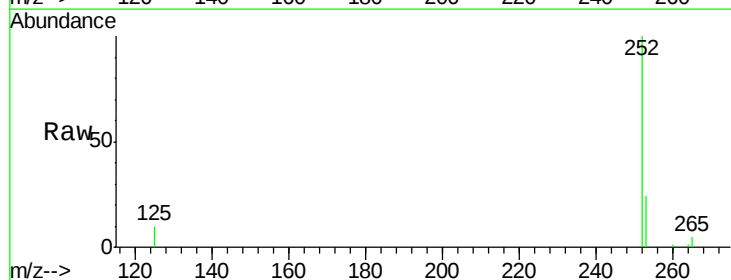
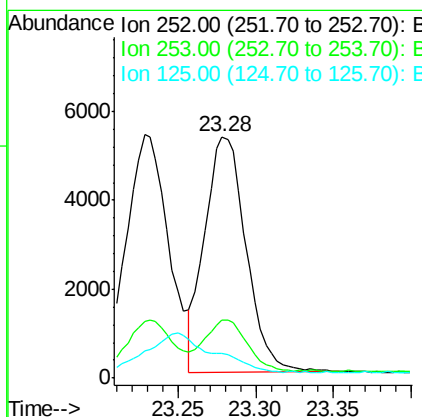
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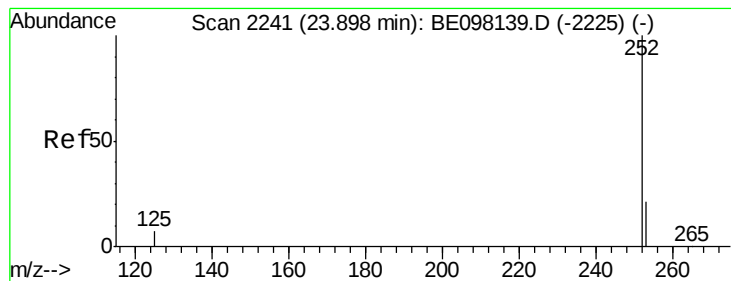
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11/9/2018 1:37:54 PM



#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098173.D
Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.4	30.6
125	10.2	14.6	21.8





#37

Benzo(a)pyrene

Concen: 0.447 ng

RT: 23.90 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE098173.D

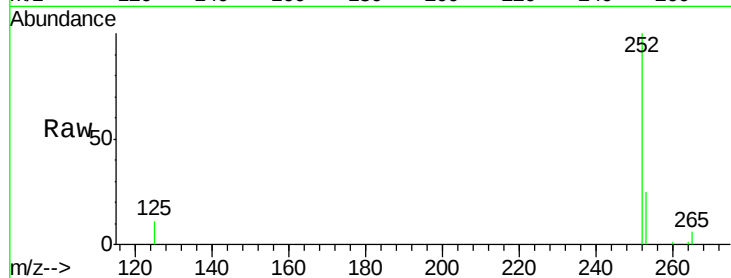
Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

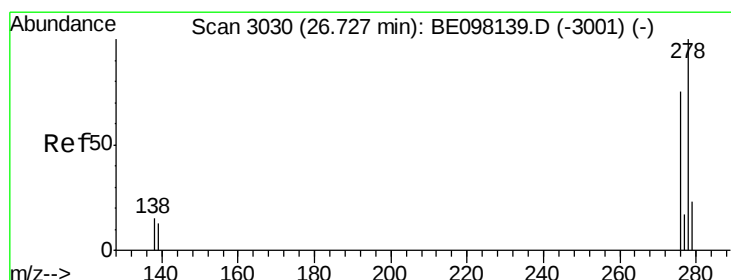
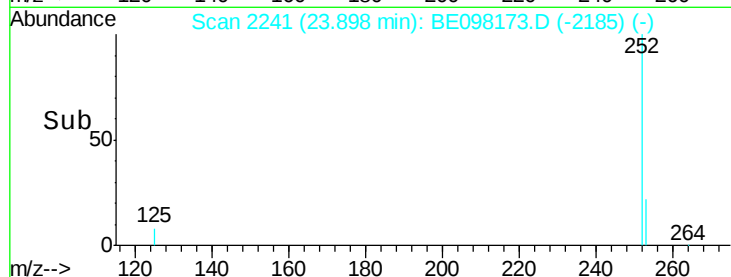
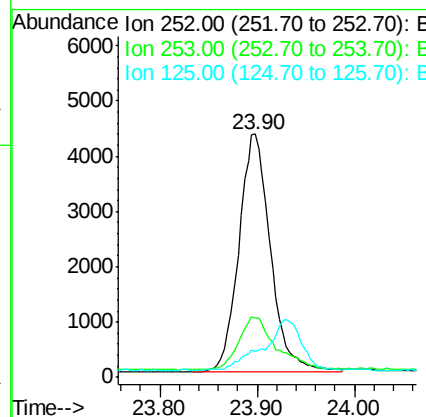
C19013081MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	31.0
125	10.9	15.6	23.4

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11/9/2018 1:37:54 PM



#38

Dibenzo(a,h)anthracene

Concen: 0.459 ng

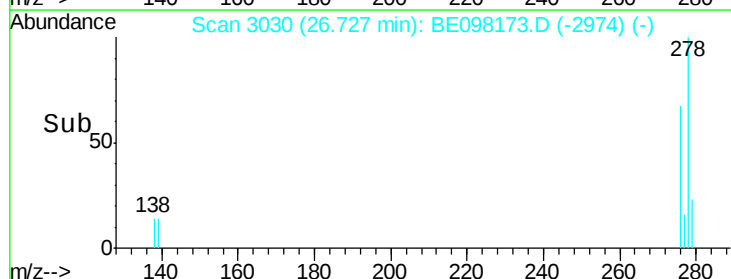
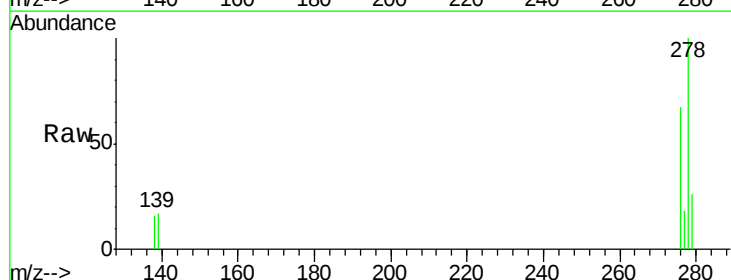
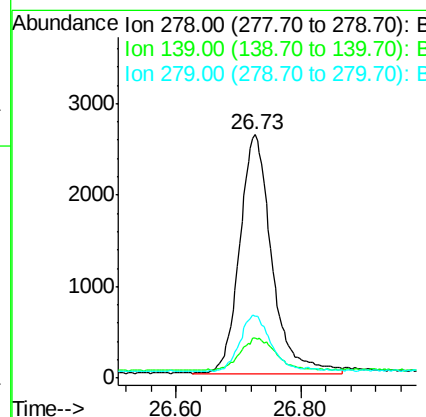
RT: 26.73 min Scan# 3030

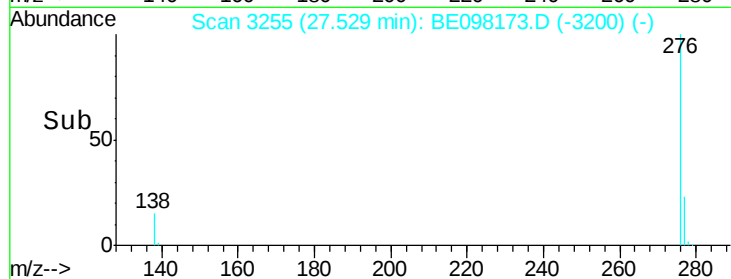
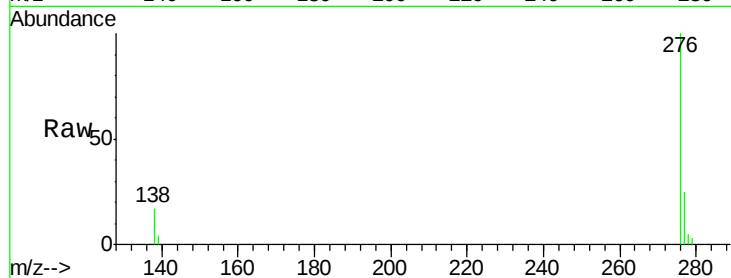
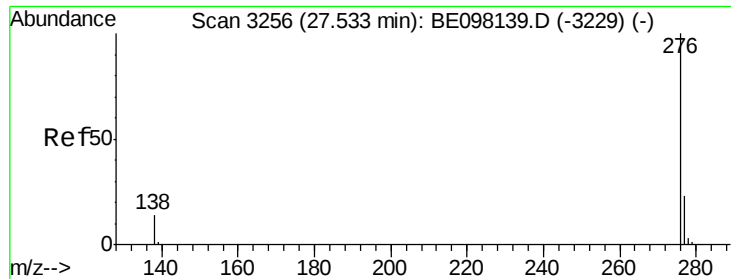
Delta R.T. 0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.3	24.5
279	25.6	21.4	32.2





#39

Benzo(g,h,i)perylene

Concen: 0.453 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098173.D

Acq: 7 Nov 2018 14:38

Instrument :

BNA_E

ClientSampleId :

C19013081MSD

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	25.3	22.1	33.1	
138	17.2	19.3	28.9	

Manual Integrations
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