

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
 Data File : BE098043.D
 Acq On : 24 Oct 2018 17:57
 Operator : SJ/JU
 Sample : J5164-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Manual Integrations
 APPROVED

Sohil
 10/25/2018 12:40:00 PM

Quant Time: Oct 25 04:39:14 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 24 13:49:35 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1118	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	5455	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3855	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9493	0.40	ng	0.00
27) Chrysene-d12	21.47	240	11176	0.40	ng	0.00
34) Perylene-d12	24.02	264	11166	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.47	112	1167	0.34	ng	0.00
5) Phenol-d6	7.06	99	1801	0.32	ng	0.00
8) Nitrobenzene-d5	9.03	82	2083	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3002	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	564	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5155	0.33	ng	0.00
25) Fluoranthene-d10	19.32	212	37404	0.31	ng	0.00
29) Terphenyl-d14	19.91	244	7918	0.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	162	0.094	ng	# 93
3) n-Nitrosodimethylamine	3.71	42	189	0.082	ng	# 87
6) bis(2-Chloroethyl)ether	7.30	93	404	0.102	ng	85
9) Naphthalene	10.73	128	4883	0.090	ng	# 96
10) Hexachlorobutadiene	11.02	225	355	0.097	ng	95
12) 2-Methylnaphthalene	12.35	142	904	0.092	ng	# 93
16) Acenaphthylene	14.27	152	1579	0.090	ng	99
17) Acenaphthene	14.60	154	941	0.089	ng	94
18) Fluorene	15.58	166	1257	0.088	ng	92
20) 4-Bromophenyl-phenylether	16.48	248	497	0.087	ng	# 89
21) Hexachlorobenzene	16.59	284	535	0.089	ng	93
22) Pentachlorophenol	16.97	266	40	0.080	ng	# 71
23) Phenanthrene	17.33	178	2156m	0.093	ng	
24) Anthracene	17.42	178	1966	0.086	ng	97
26) Fluoranthene	19.35	202	2626	0.090	ng	97
28) Pyrene	19.71	202	2680	0.087	ng	96
30) Benzo(a)anthracene	21.45	228	2902	0.088	ng	95
31) Chrysene	21.51	228	2842	0.089	ng	99
32) Bis(2-ethylhexyl)phthalate	21.38	149	7558	0.096	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.72	276	3033	0.087	ng	# 70
35) Benzo(b)fluoranthene	23.24	252	2782	0.090	ng	# 86
36) Benzo(k)fluoranthene	23.29	252	2766	0.086	ng	# 89
37) Benzo(a)pyrene	23.91	252	2663	0.087	ng	# 86
38) Dibenzo(a,h)anthracene	26.75	278	2560	0.086	ng	# 89
39) Benzo(g,h,i)perylene	27.54	276	2555	0.087	ng	94

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

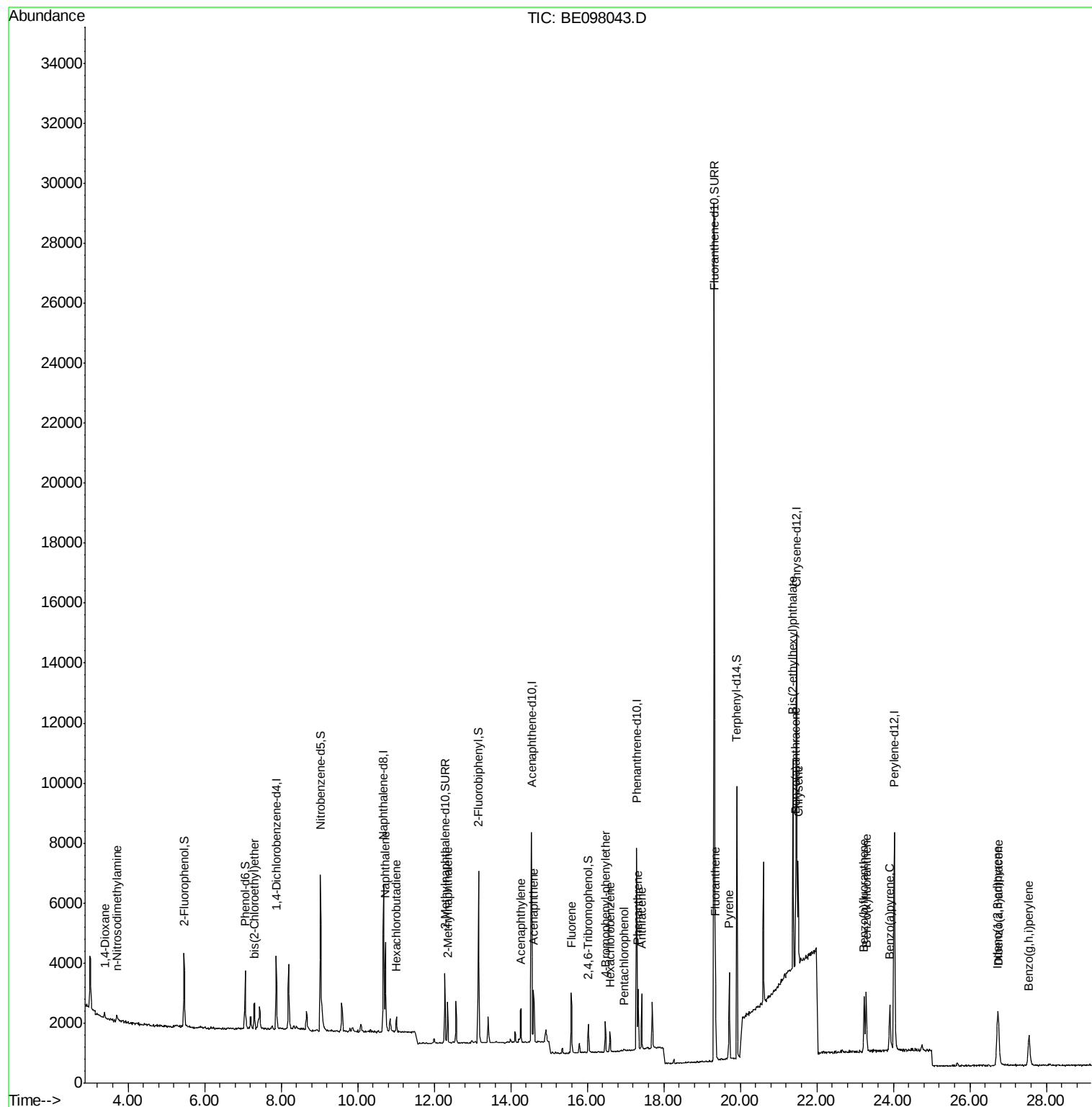
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098043.D
Acq On : 24 Oct 2018 17:57
Operator : SJ/JU
Sample : J5164-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

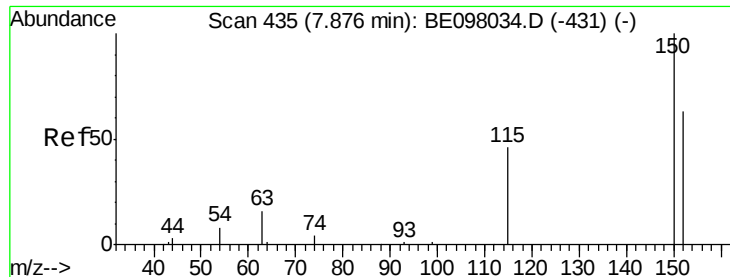
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations
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10/25/2018 12:40:00 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
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#1

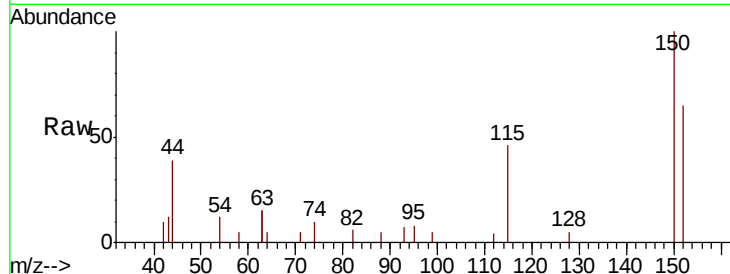
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	118.2	177.4
115	70.6	50.9	76.3

Manual Integrations
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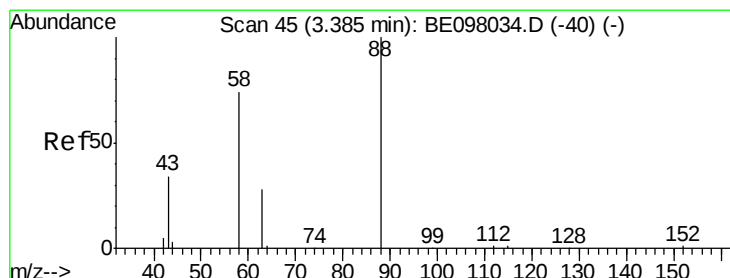
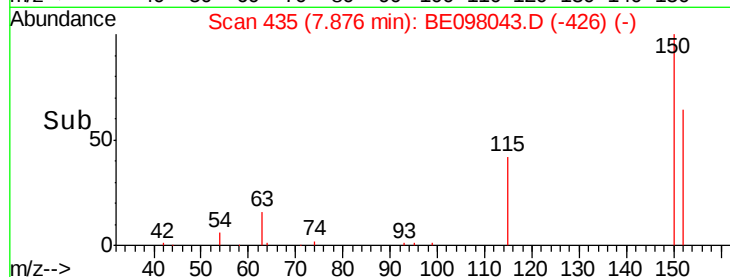
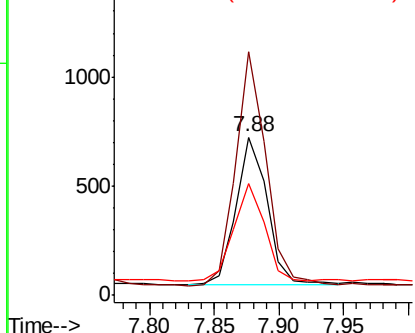


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

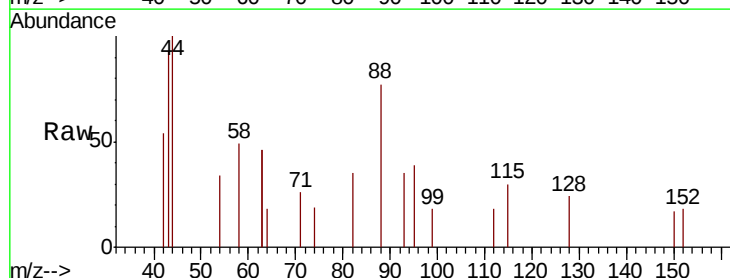
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.094 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	73.2	109.8
43	59.3	36.9	55.3

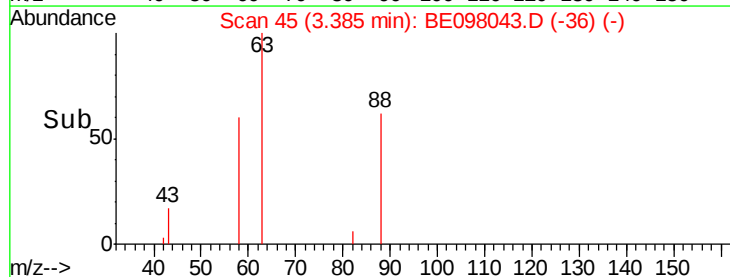
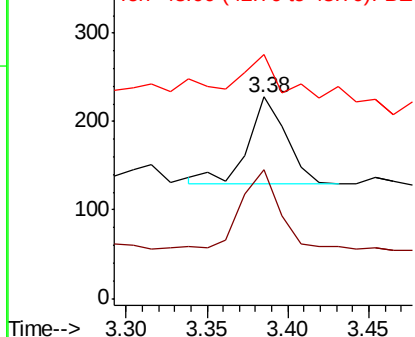


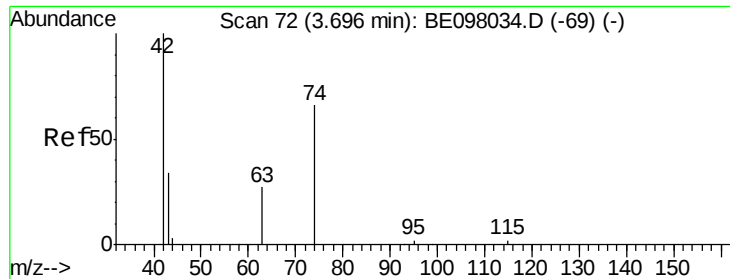
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

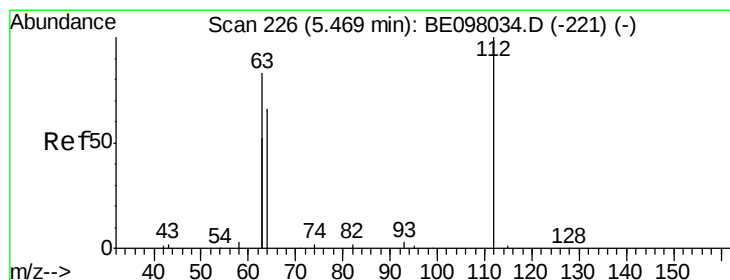
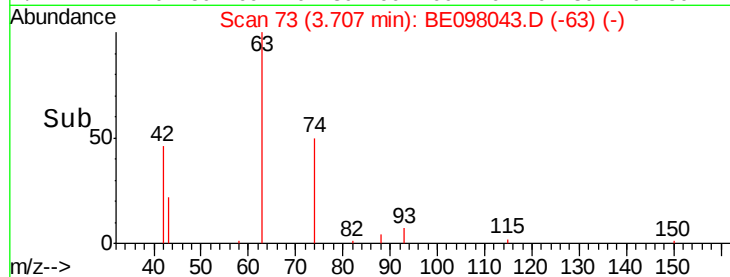
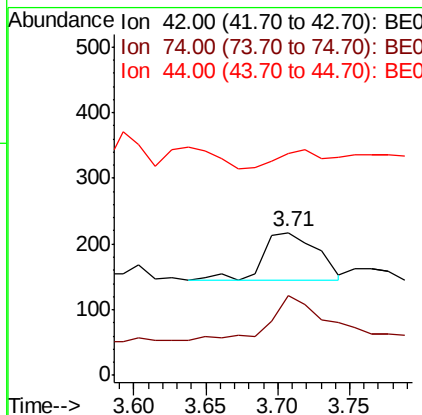
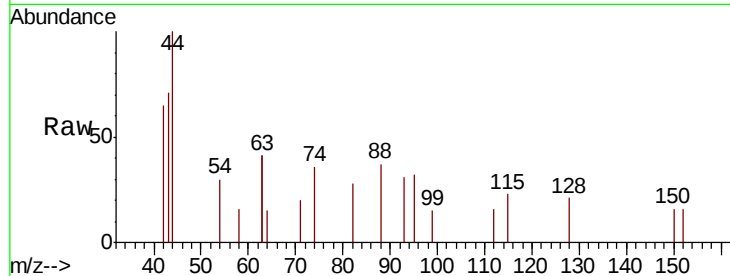
n-Nitrosodimethylamine
 Concen: 0.082 ng
 RT: 3.71 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098043.D
 Acq: 24 Oct 2018 17:57

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
42	100		
74	89.9	77.6	116.4
44	37.6	7.6	11.4#

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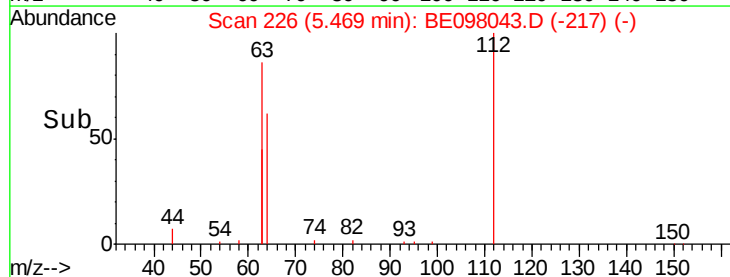
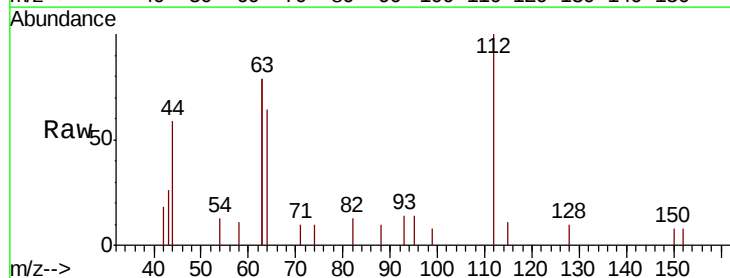
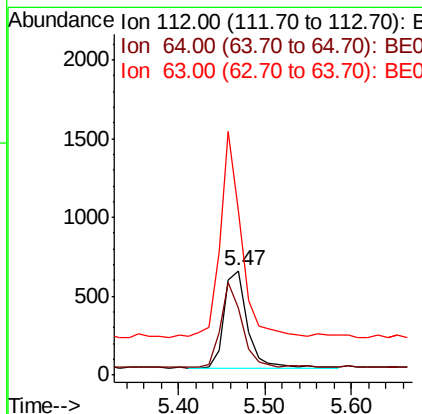
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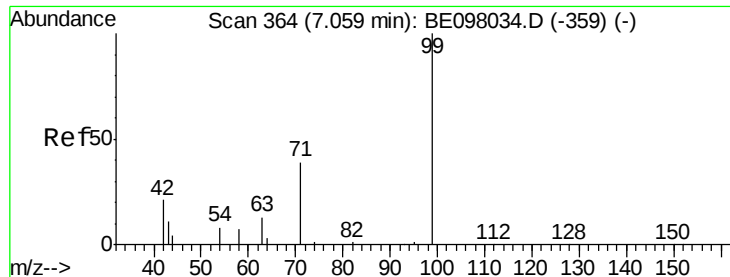


#4

2-Fluorophenol
 Concen: 0.345 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE098043.D
 Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.6	58.9	88.3
63	193.4	120.3	180.5#





#5

Phenol-d6

Concen: 0.320 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

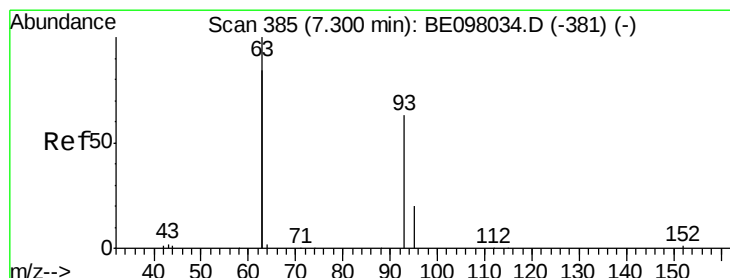
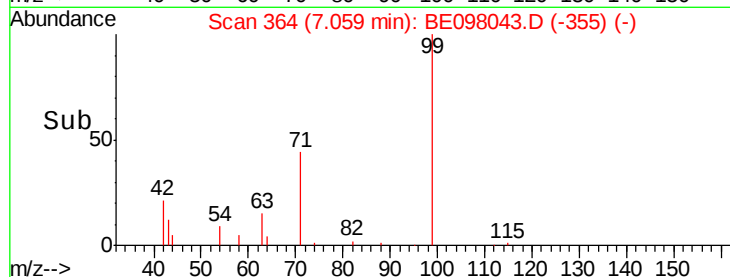
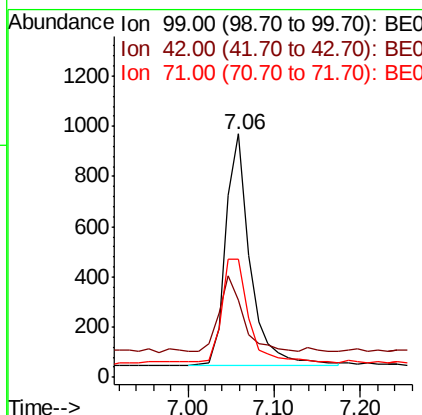
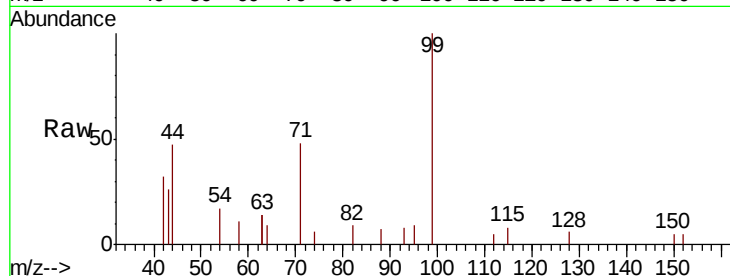
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	99	Resp:	1801
Ion Ratio	Lower	Upper	
99	100		
42	32.4	19.9	29.9#
71	48.3	27.8	41.8#

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#6

bis(2-Chloroethyl)ether

Concen: 0.102 ng

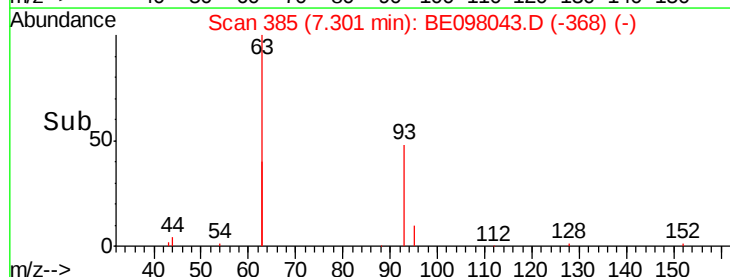
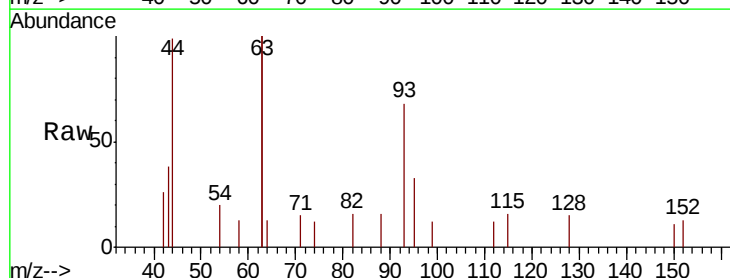
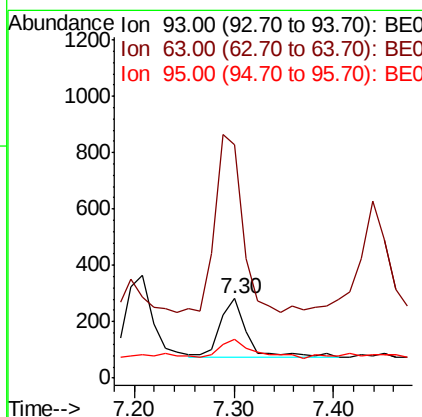
RT: 7.30 min Scan# 385

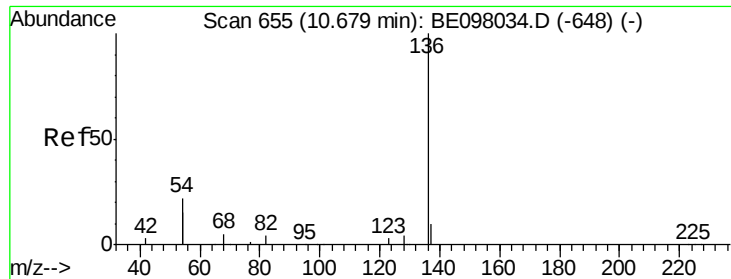
Delta R.T. 0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Tgt Ion:	93	Resp:	404
Ion Ratio	Lower	Upper	
93	100		
63	290.8	259.0	388.4
95	36.9	27.8	41.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

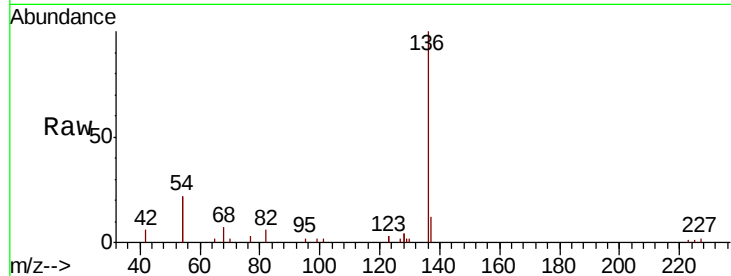
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

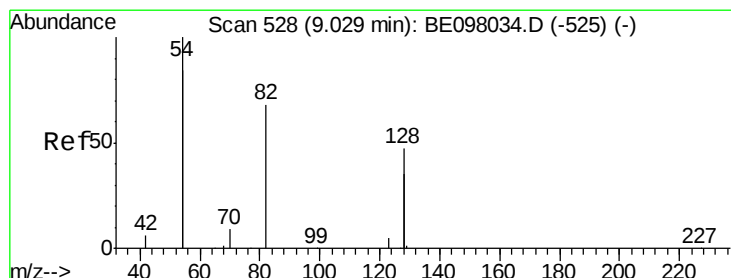
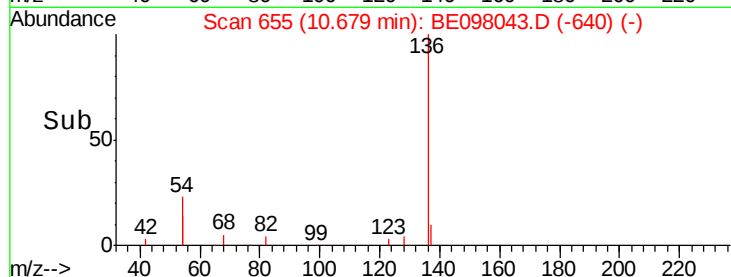
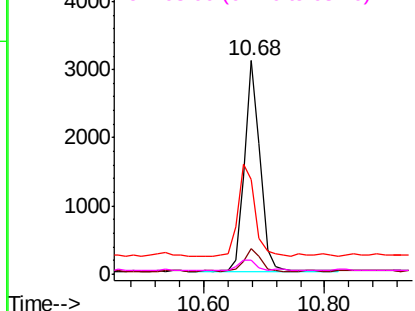
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	44.6	27.7	41.5
68	6.5	5.3	7.9

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: 0.359 ng

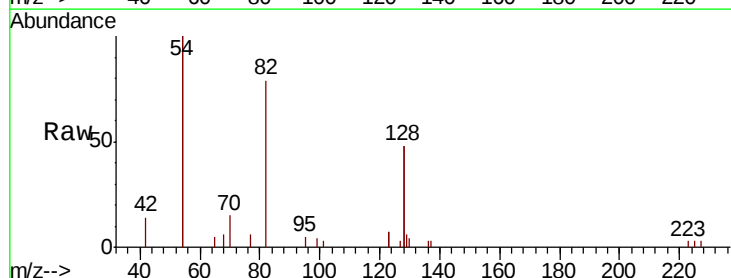
RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

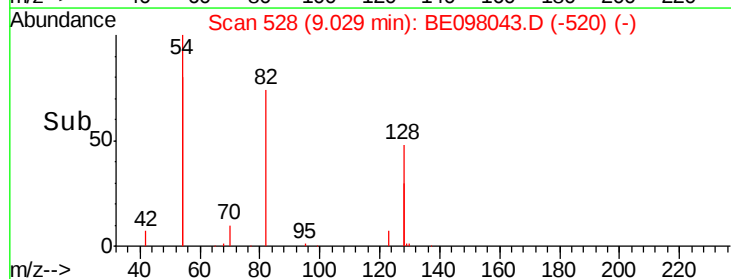
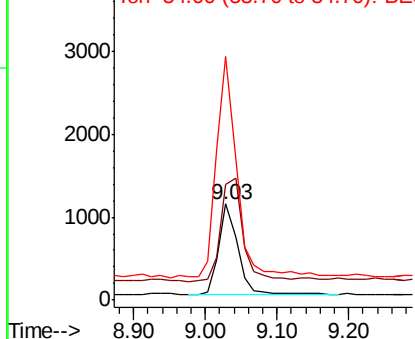
Lab File: BE098043.D

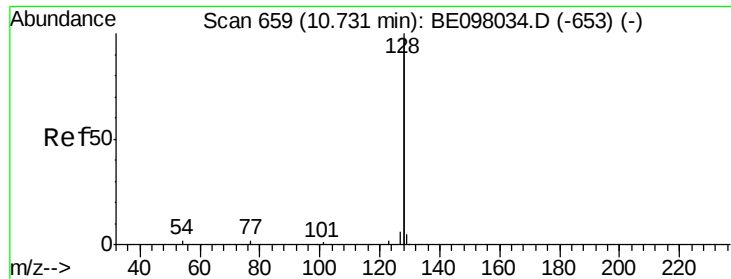
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	120.6	129.9	194.9
54	253.5	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: 0.090 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

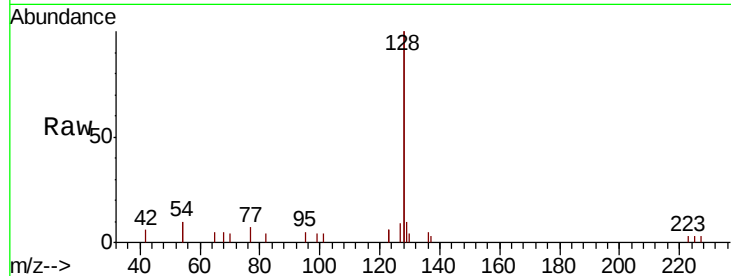
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

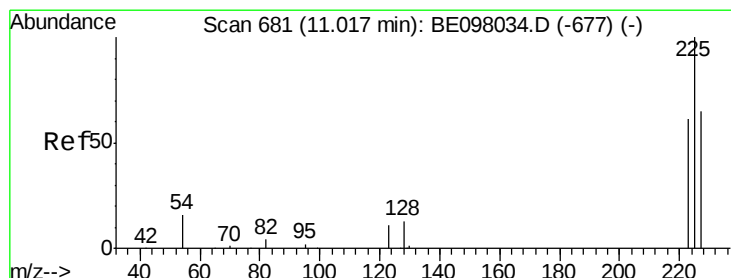
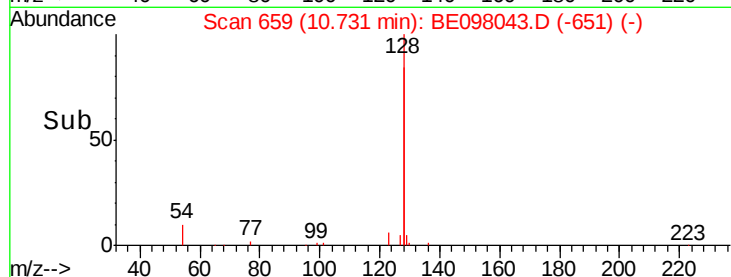
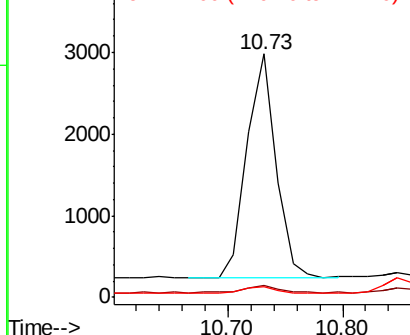
Tot Ion:	128	Resp:	4883
Ion Ratio	Lower	Upper	
128	100		
129	4.8	2.5	3.7#
127	4.3	2.8	4.2#

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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: 0.097 ng

RT: 11.02 min Scan# 681

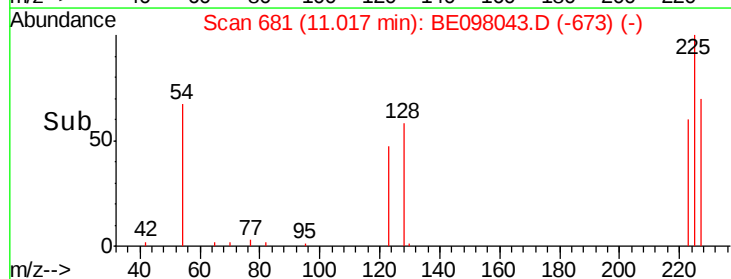
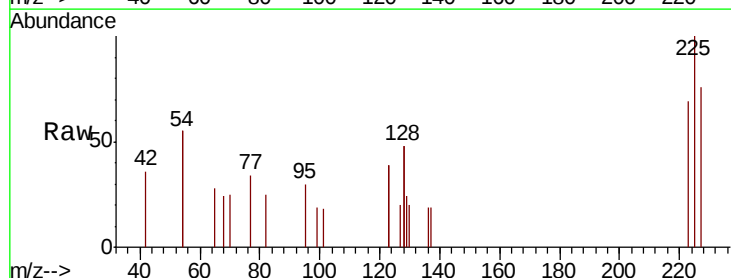
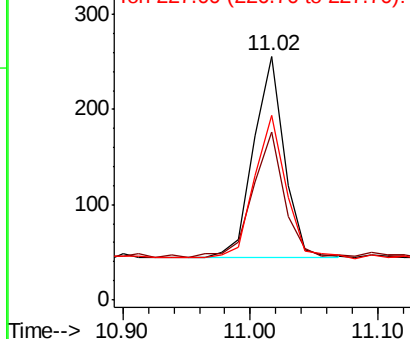
Delta R.T. -0.00 min

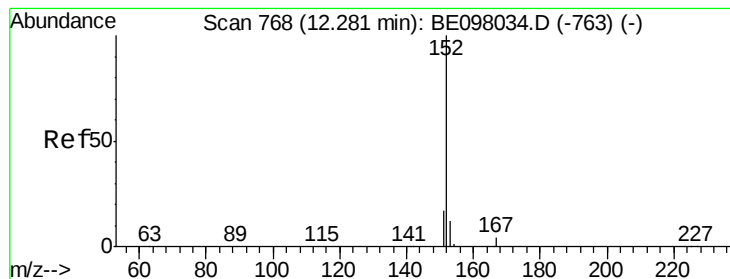
Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Tgt Ion:	225	Resp:	355
Ion Ratio	Lower	Upper	
225	100		
223	62.5	51.8	77.8
227	72.4	53.0	79.6

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





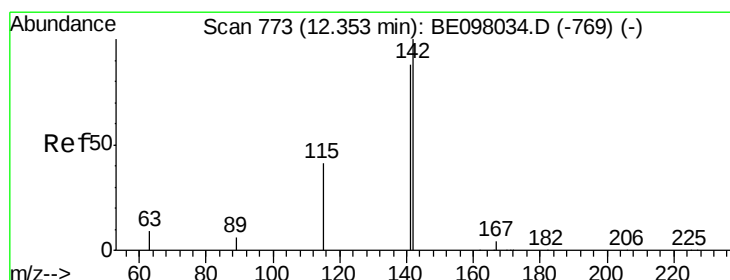
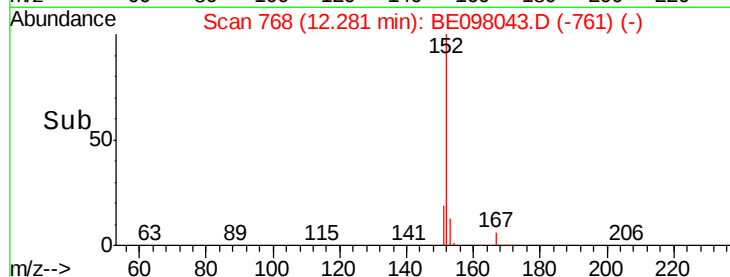
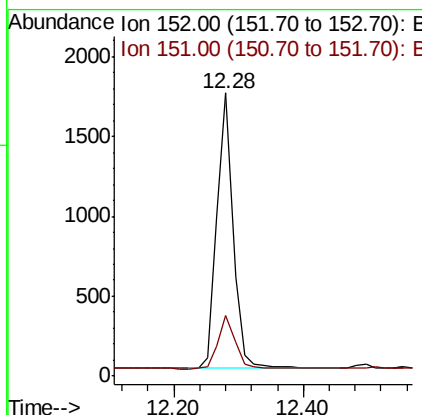
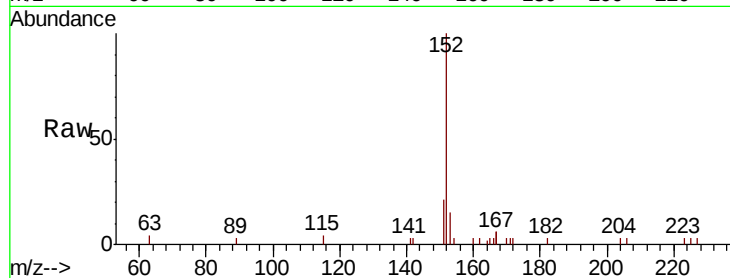
#11
 2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE098043.D
 Acq: 24 Oct 2018 17:57

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

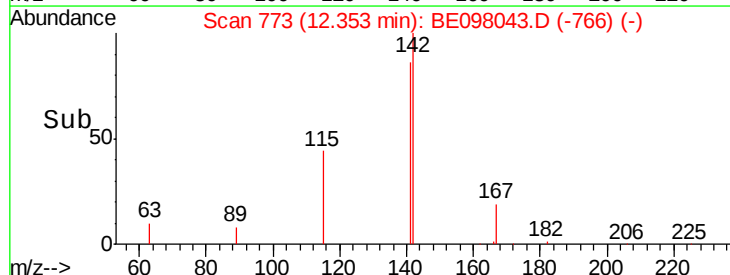
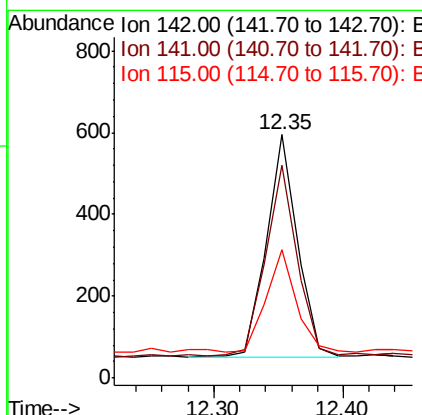
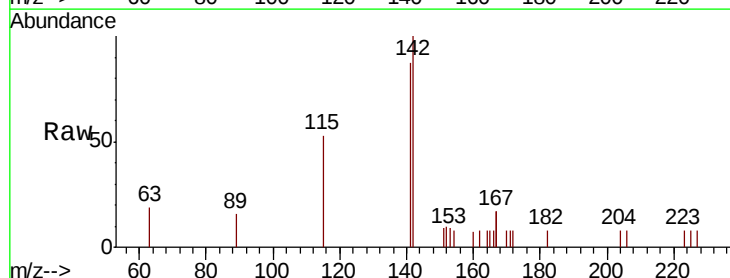
Manual Integrations
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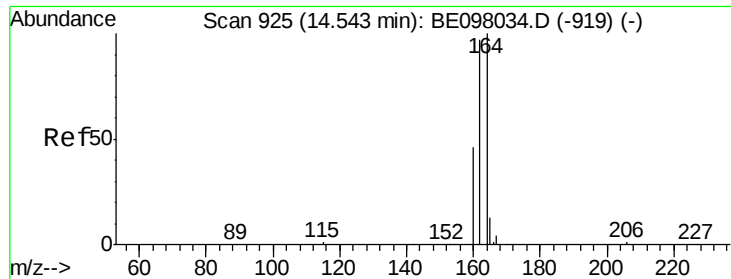
Sohil
 10/25/2018 12:40:00 PM



#12
 2-Methylnaphthalene
 Concen: 0.092 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BE098043.D
 Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6
115	52.6	30.5	45.7#





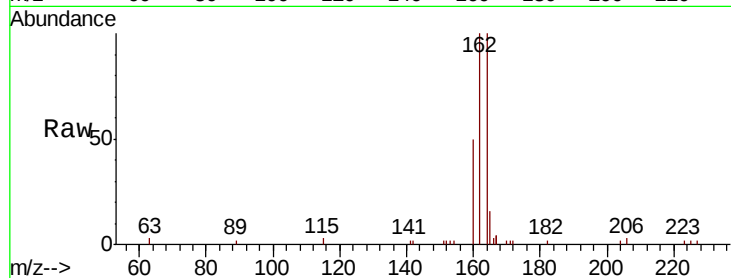
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	77.4	116.2
160	50.4	36.5	54.7

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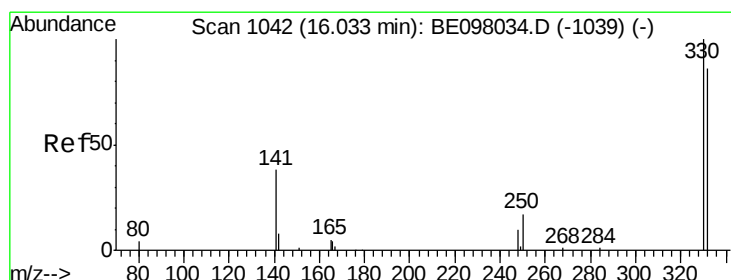
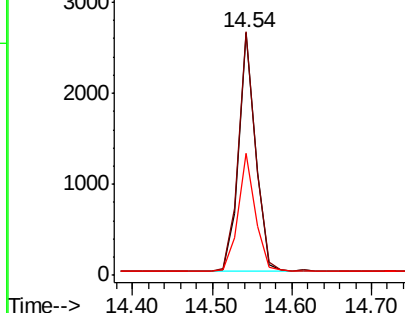
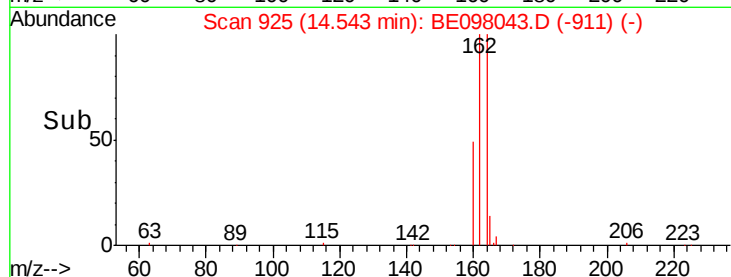


Abundance

Ion 164.00 (163.70 to 164.70): E

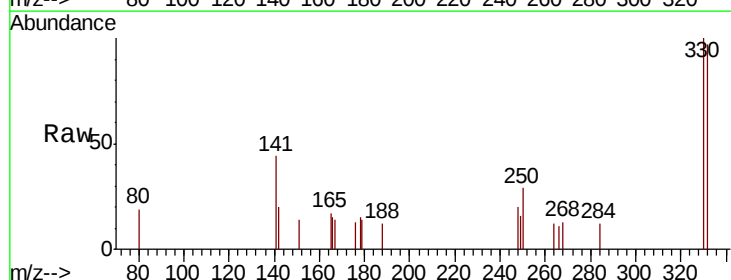
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	106.4	76.5	114.7
141	41.7	31.8	47.6

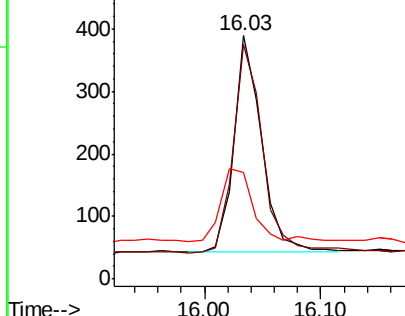
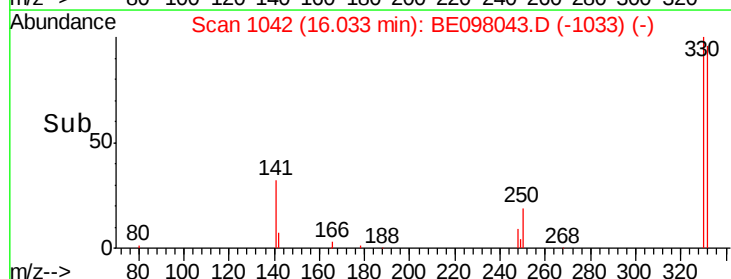


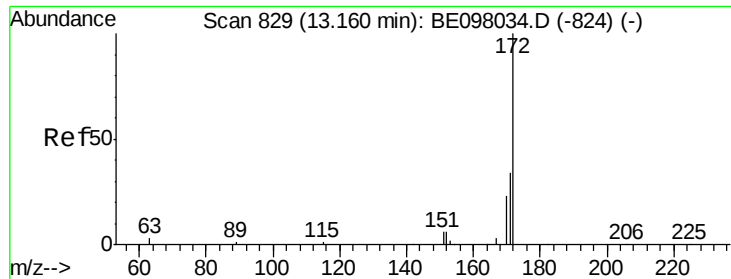
Abundance

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





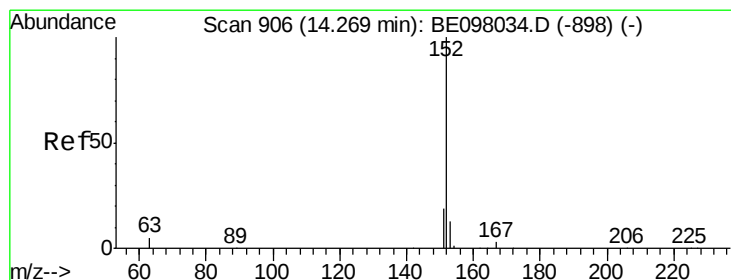
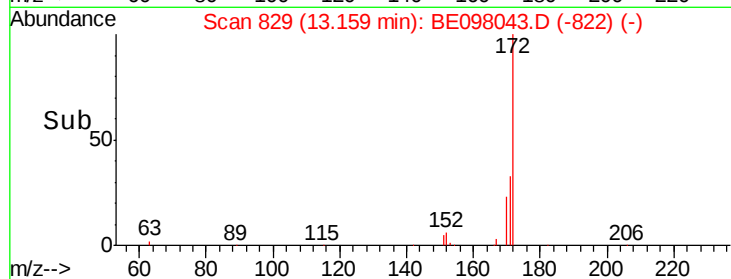
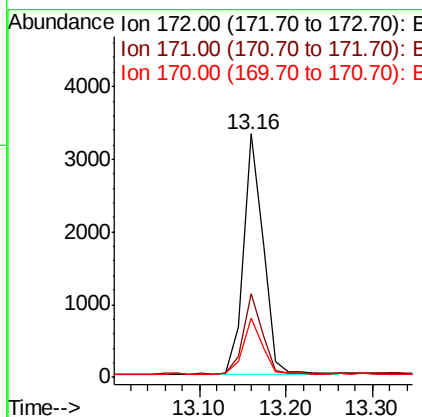
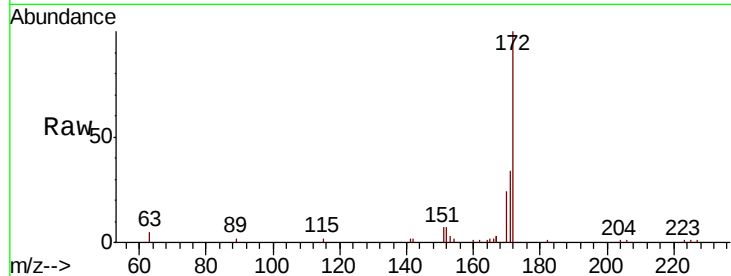
#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.0	39.0
170	24.1	18.0	27.0

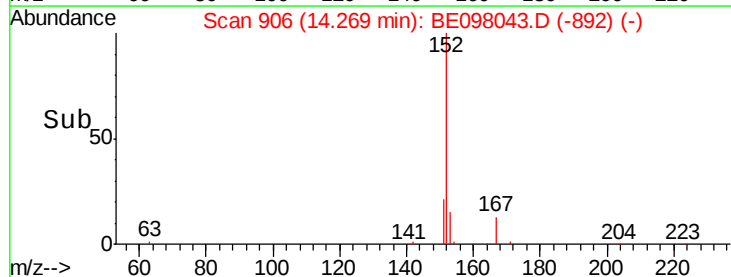
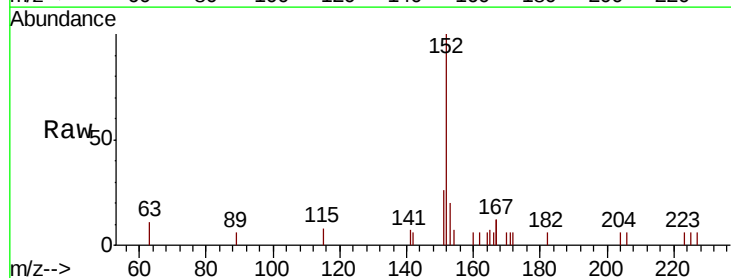
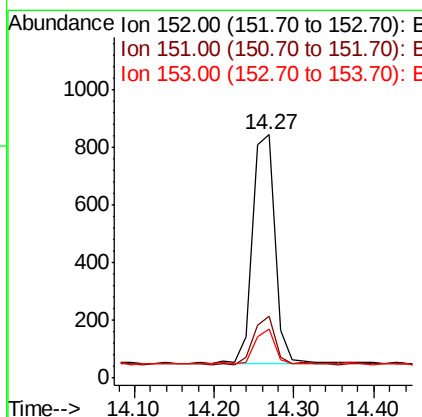
Manual Integrations
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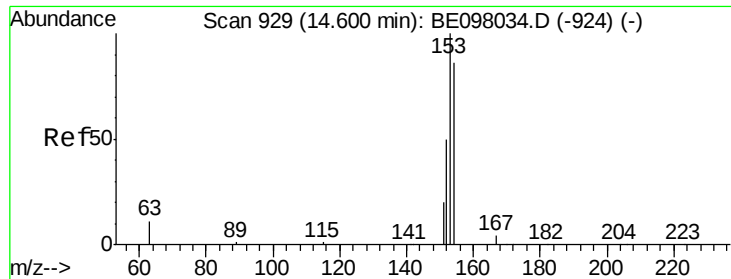
Sohil
10/25/2018 12:40:00 PM



#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	14.2	10.9	16.3





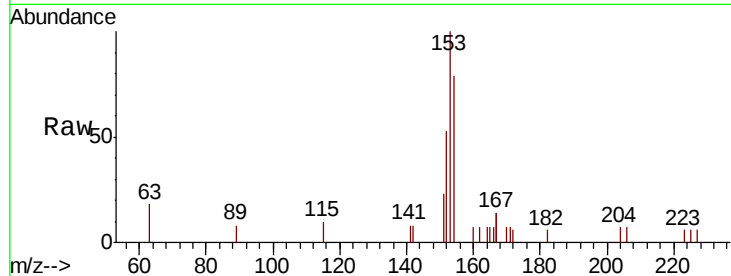
#17
Acenaphthene
Concen: 0.089 ng
RT: 14.60 min Scan# 929
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	124.4	92.6	139.0
152	58.7	45.5	68.3

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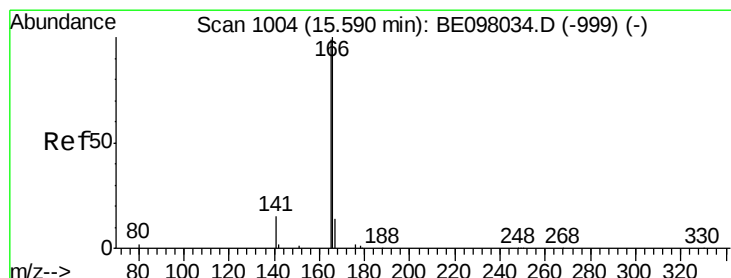
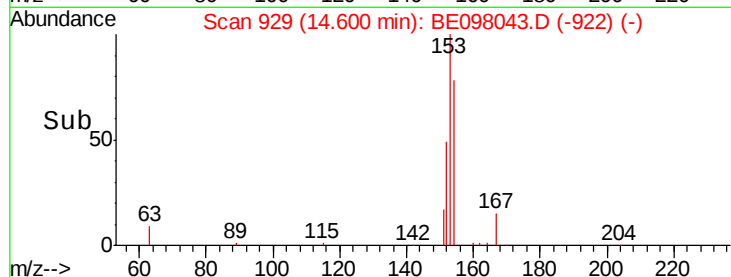
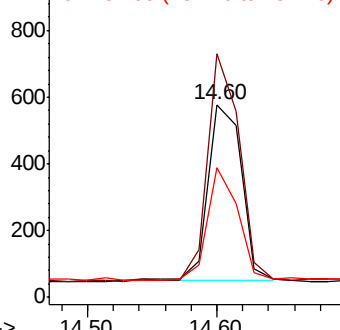


Abundance

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: 0.088 ng
RT: 15.58 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

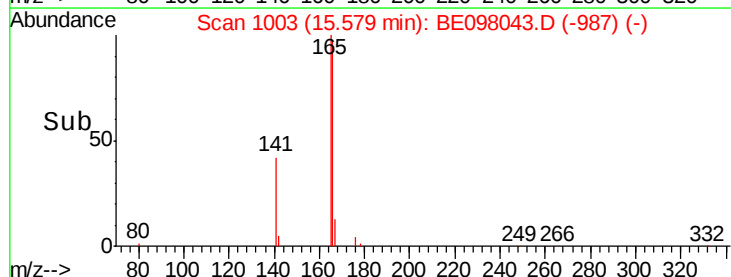
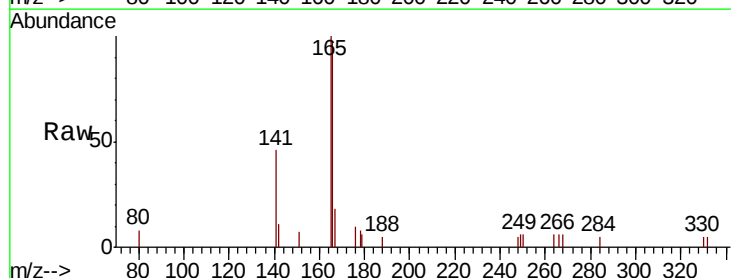
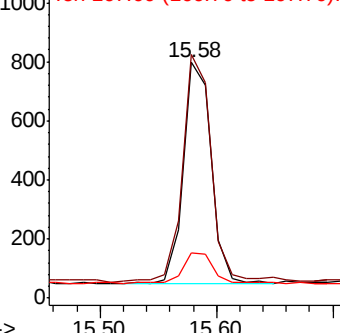
Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.0	78.2	117.4
167	14.8	11.0	16.6

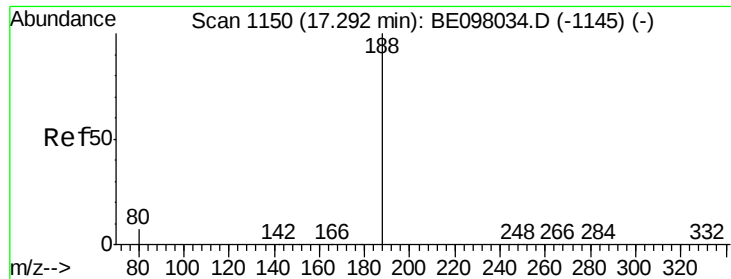
Abundance

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: 17.29 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

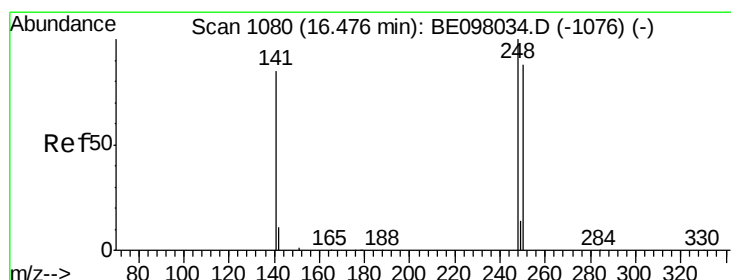
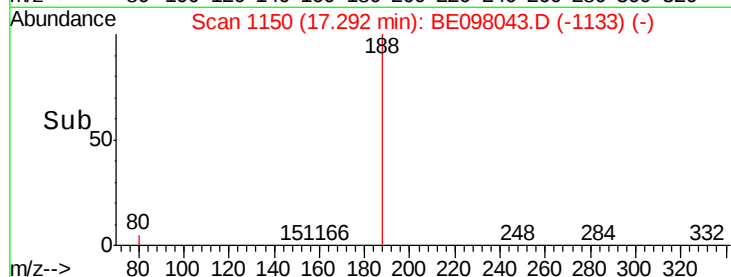
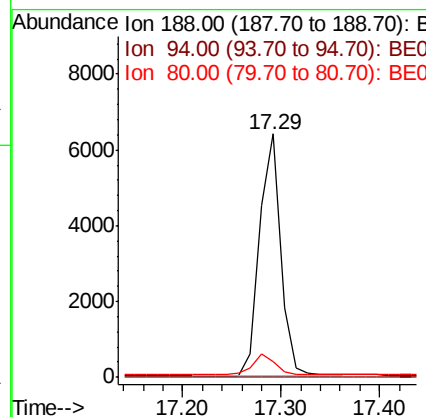
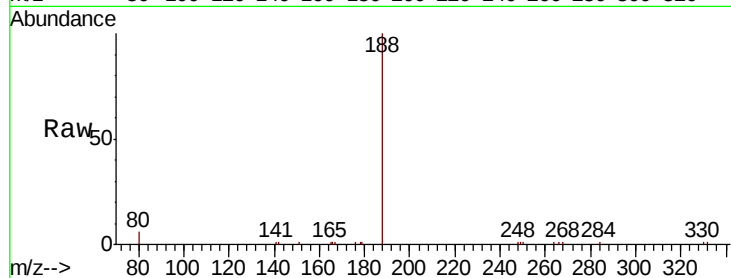
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion:	188	Resp:	9493
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.5	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.087 ng

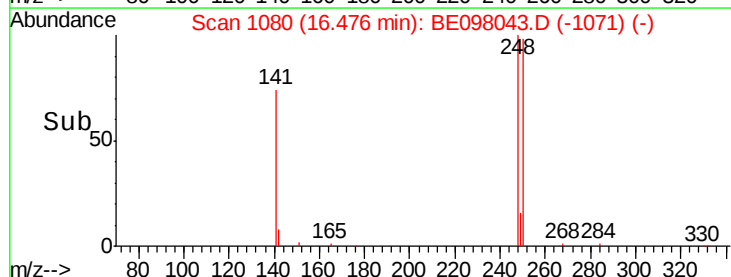
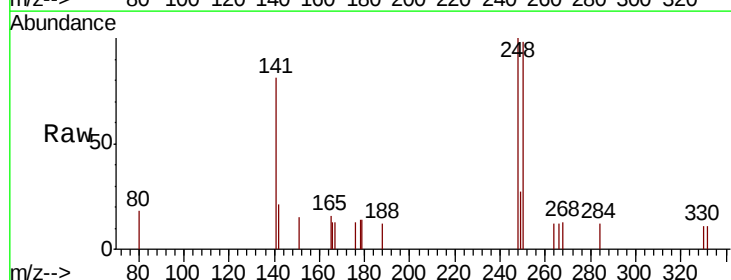
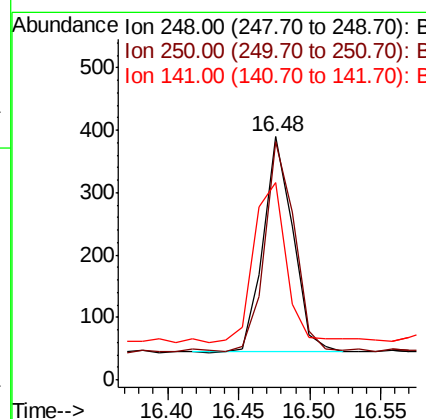
RT: 16.48 min Scan# 1080

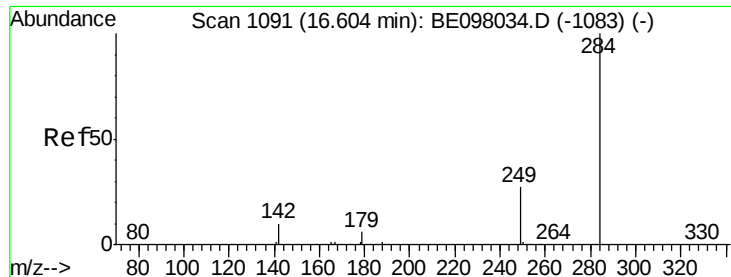
Delta R.T. 0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Tgt Ion:	248	Resp:	497
Ion Ratio	Lower	Upper	
248	100		
250	97.9	75.1	112.7
141	81.3	51.8	77.8#





#21

Hexachlorobenzene

Concen: 0.089 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

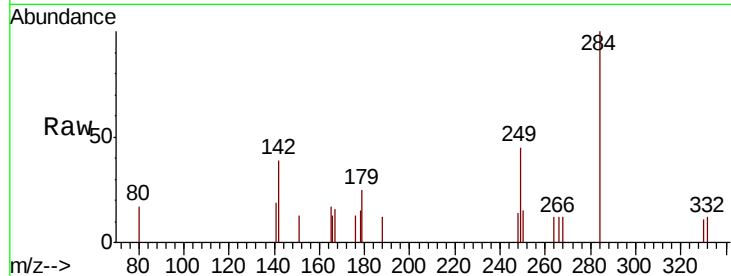
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

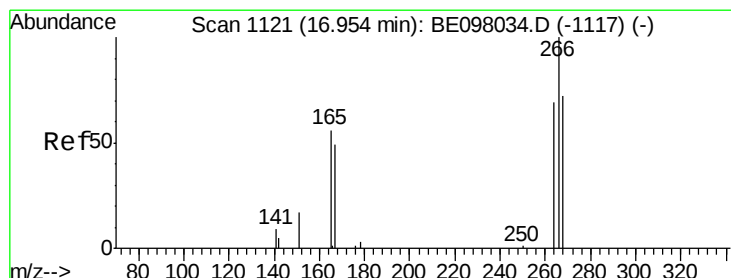
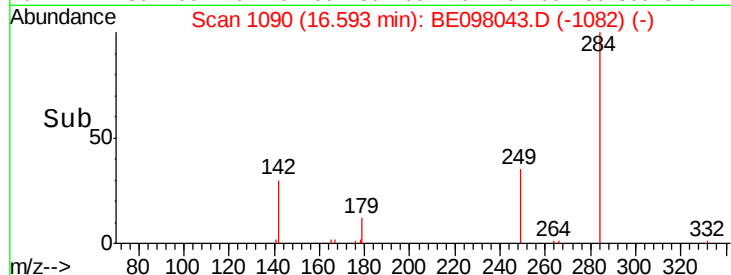
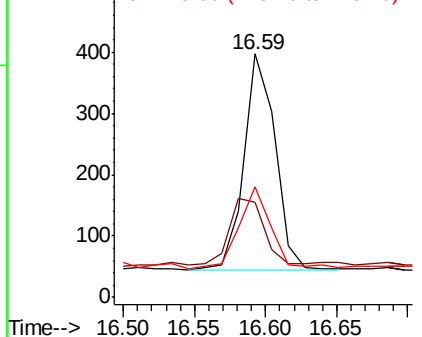
Tot Ion:	284	Resp:	535
Ion Ratio	Lower	Upper	
284	100		
142	35.1	25.9	38.9
249	38.3	26.6	40.0

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: 0.080 ng

RT: 16.97 min Scan# 1122

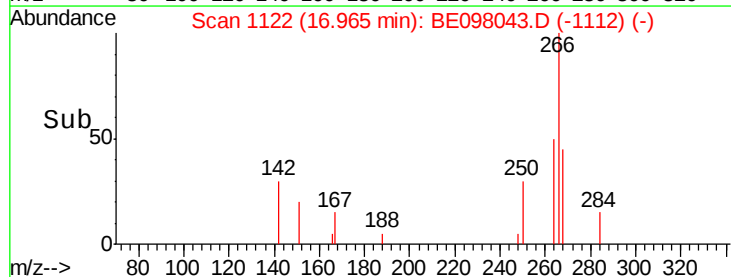
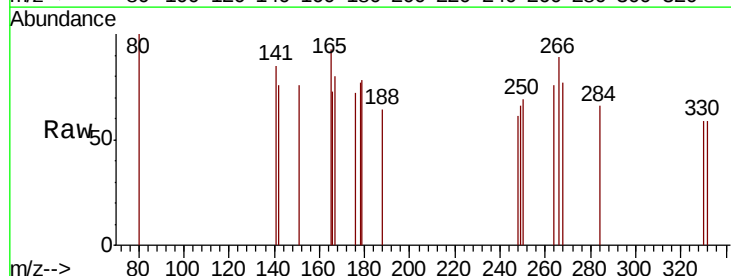
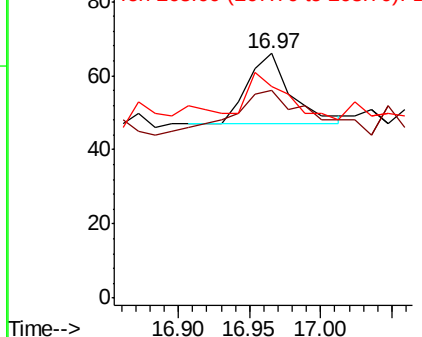
Delta R.T. 0.01 min

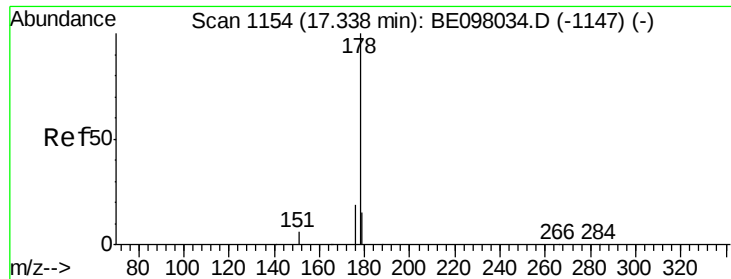
Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Tgt Ion:	266	Resp:	40
Ion Ratio	Lower	Upper	
266	100		
264	84.8	51.3	76.9#
268	86.4	50.1	75.1#

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





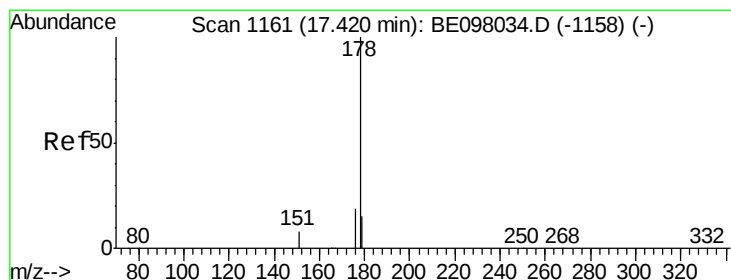
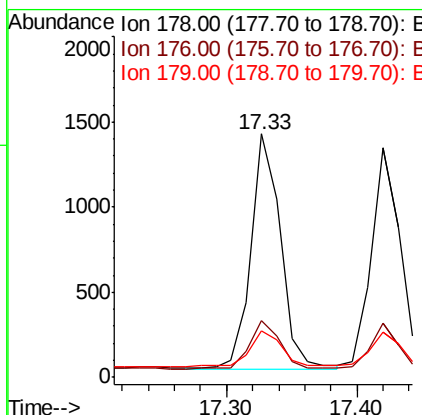
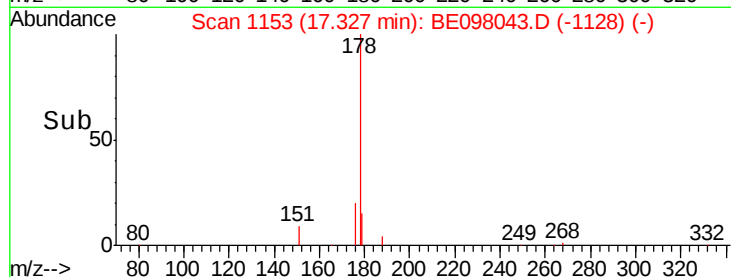
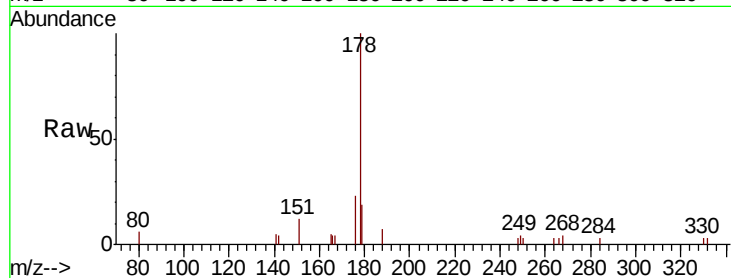
#23
Phenanthrene
Concen: 0.093 ng m
RT: 17.33 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	15.9	12.2	18.4

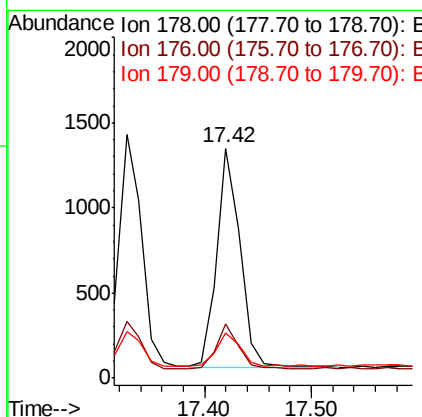
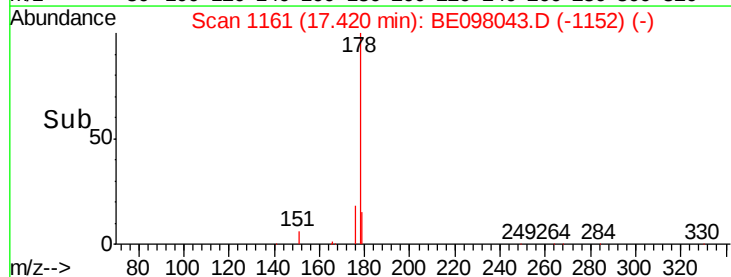
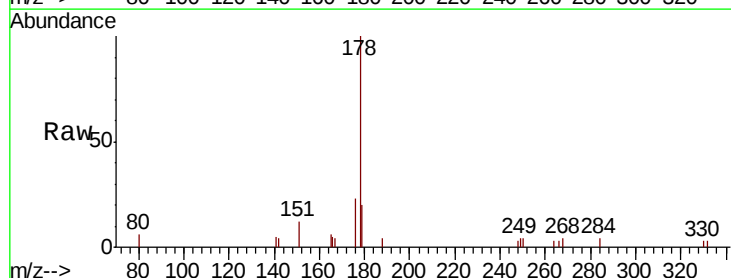
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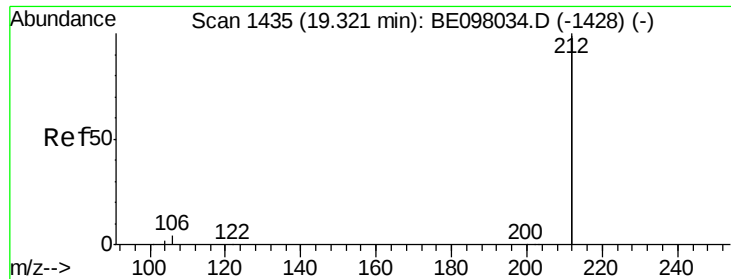
Sohil
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#24
Anthracene
Concen: 0.086 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.9	22.3
179	16.5	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

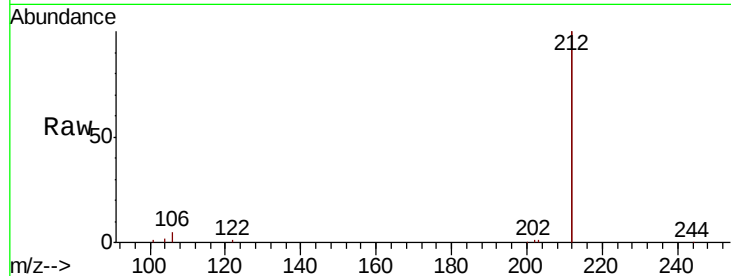
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

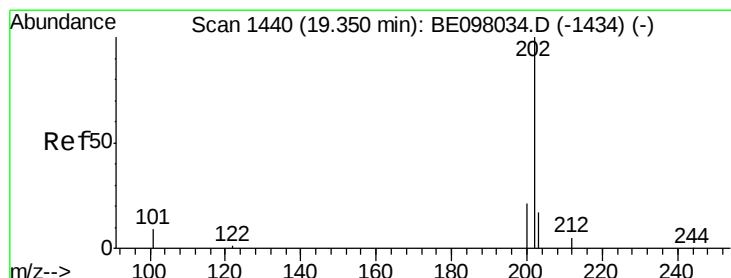
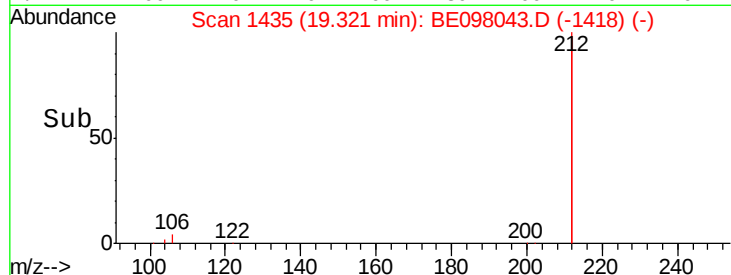
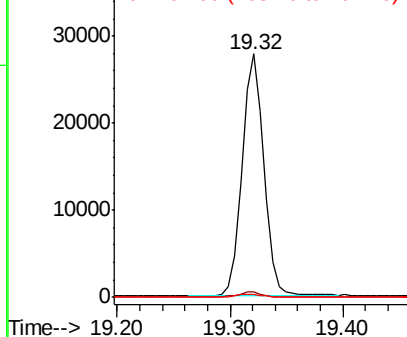
Tot Ion:	212	Resp:	37404
Ion Ratio	Lower	Upper	
212	100		
106	2.0	2.3	3.5#
104	1.1	1.3	1.9#

Manual Integrations
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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: 0.090 ng

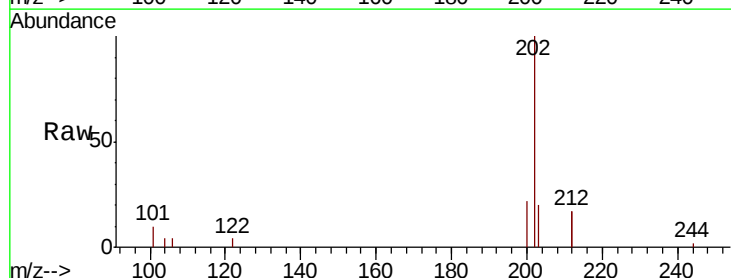
RT: 19.35 min Scan# 1440

Delta R.T. -0.00 min

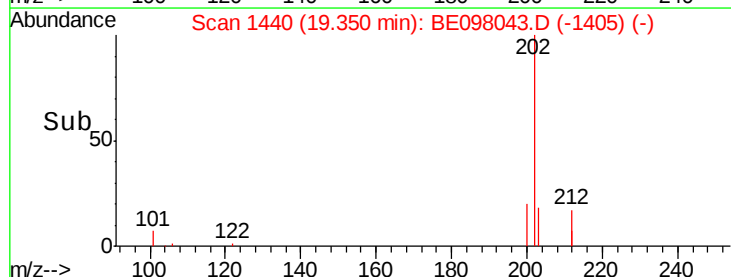
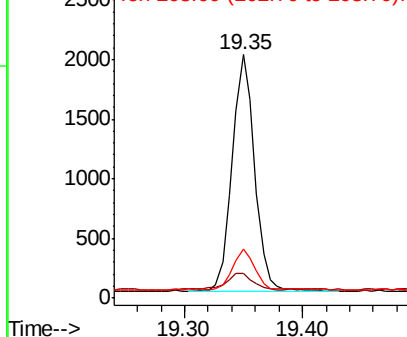
Lab File: BE098043.D

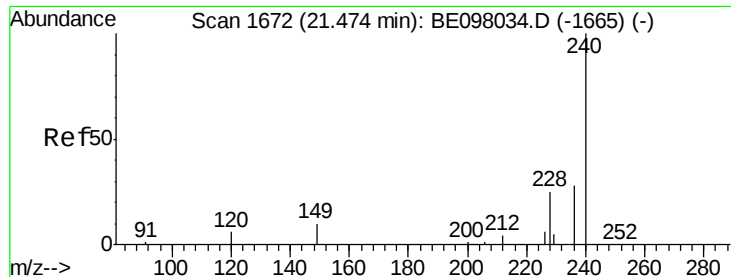
Acq: 24 Oct 2018 17:57

Tgt Ion:	202	Resp:	2626
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.2	12.2
203	16.8	15.0	22.4



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: 21.47 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

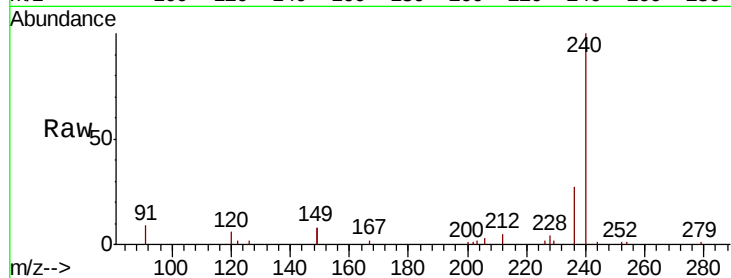
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	7.1	10.7#
236	27.4	21.3	31.9

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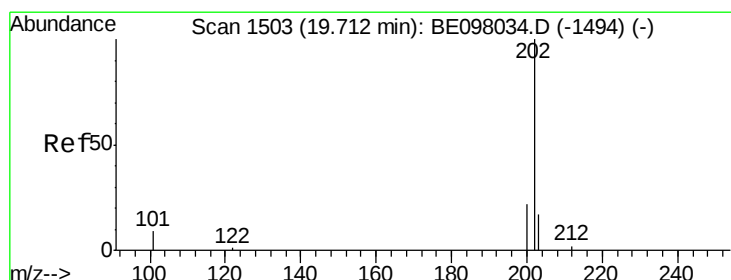
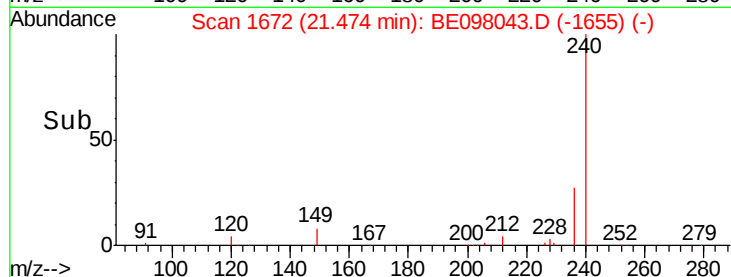
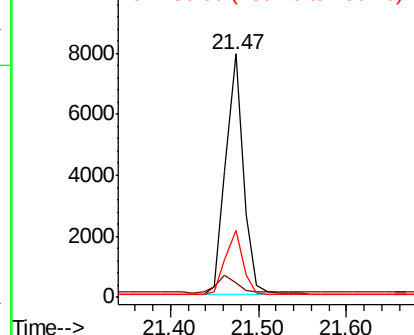


Abundance

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: 0.087 ng

RT: 19.71 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

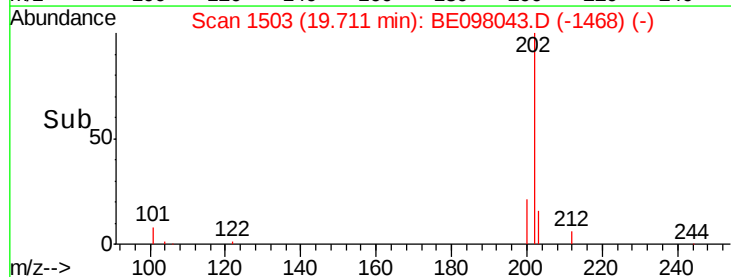
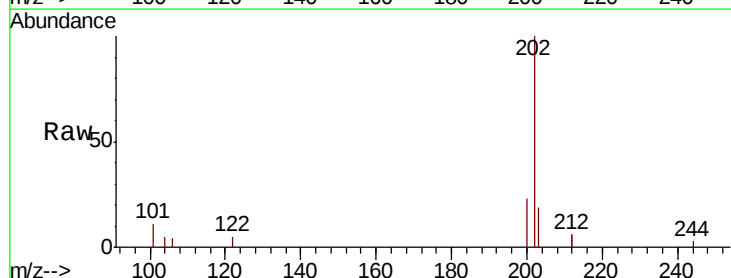
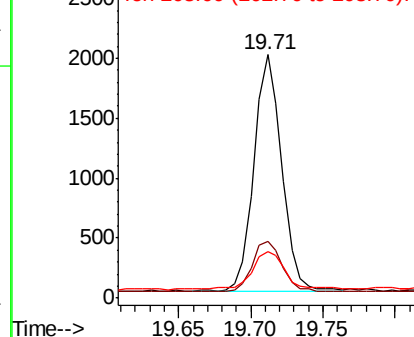
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.0	25.4
203	19.7	14.2	21.4

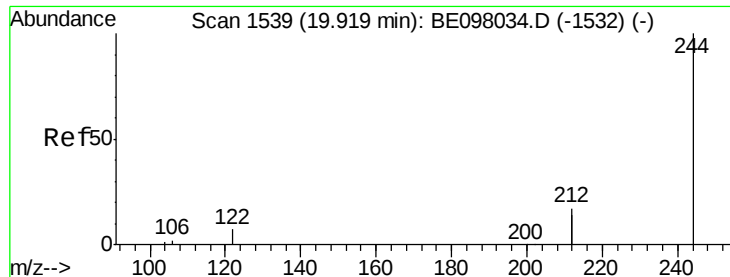
Abundance

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: 0.301 ng

RT: 19.91 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Instrument :

BNA_E

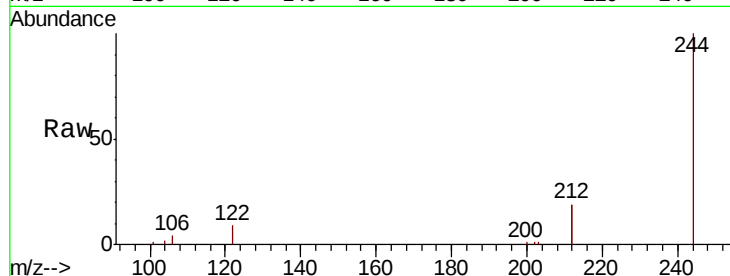
ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

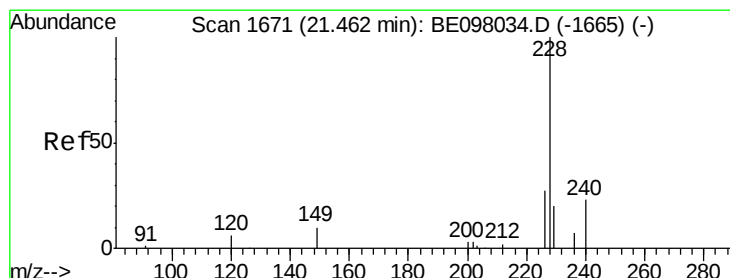
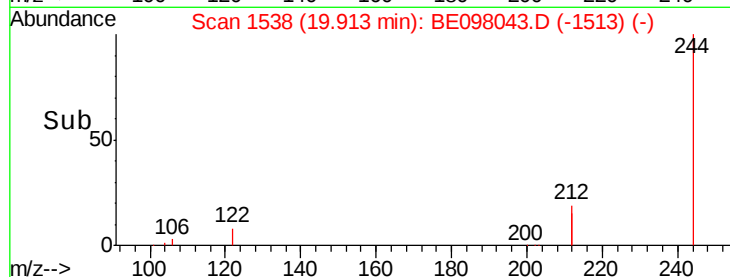
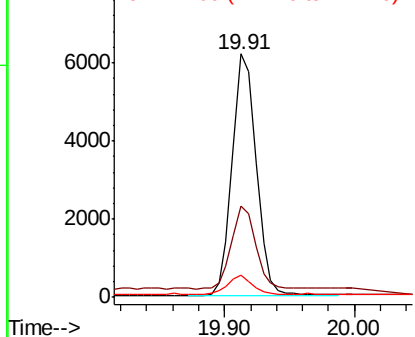
Tot Ion:	244	Resp:	7918
Ion Ratio	Lower	Upper	
244	100		
212	37.6	26.2	39.2
122	9.0	7.7	11.5

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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: 0.088 ng

RT: 21.45 min Scan# 1670

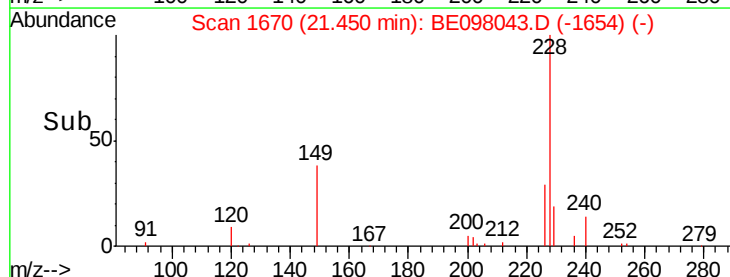
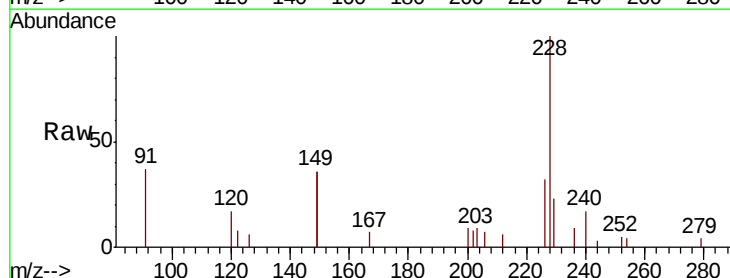
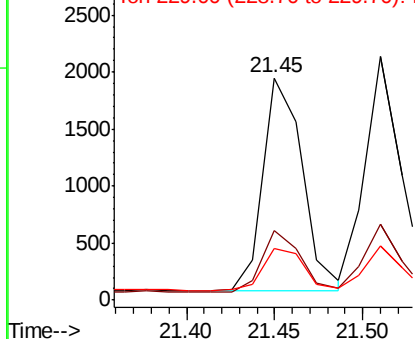
Delta R.T. -0.01 min

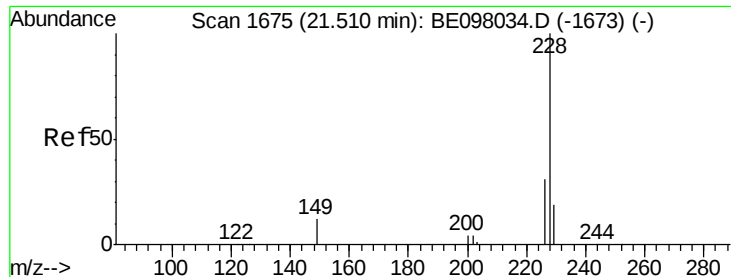
Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Tgt Ion:	228	Resp:	2902
Ion Ratio	Lower	Upper	
228	100		
226	31.5	22.6	33.8
229	23.0	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





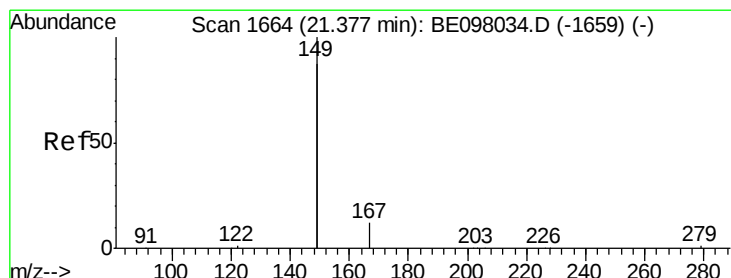
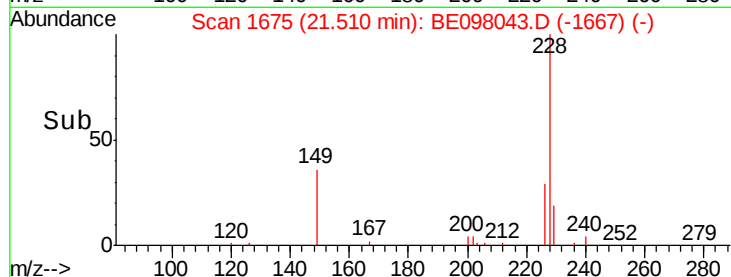
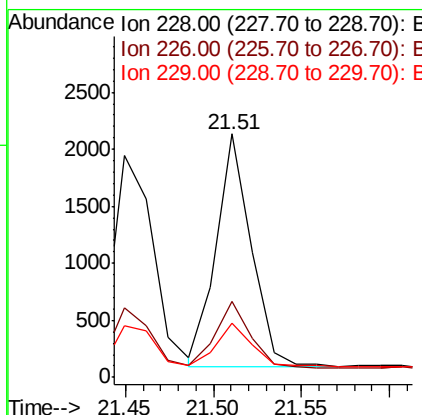
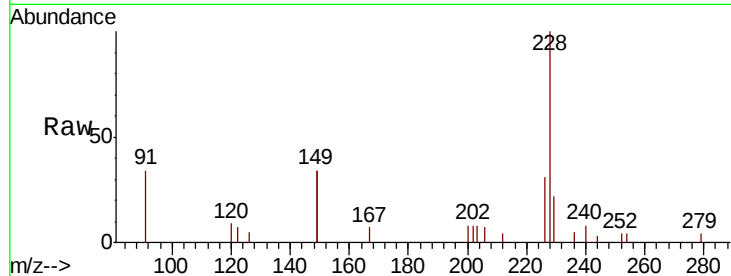
#31
Chrysene
Concen: 0.089 ng
RT: 21.51 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.3	36.5
229	22.1	17.3	25.9

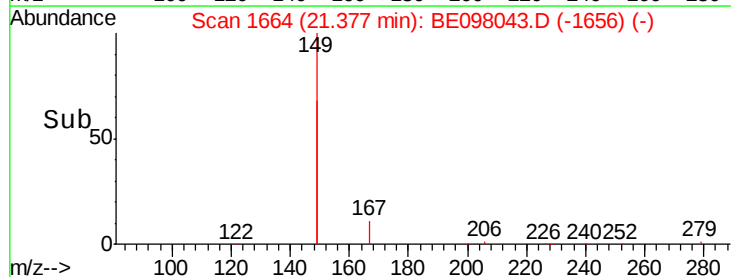
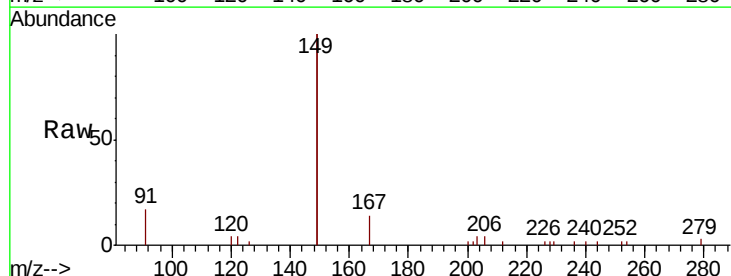
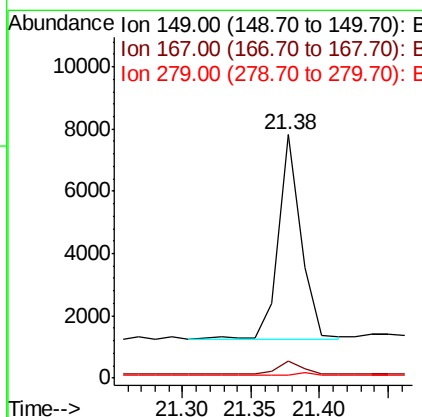
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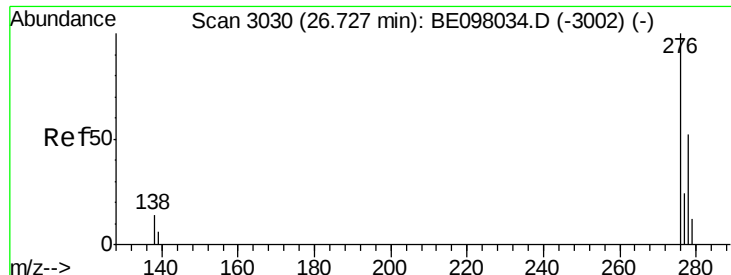
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.38 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.6	8.4
279	1.3	0.9	1.3#





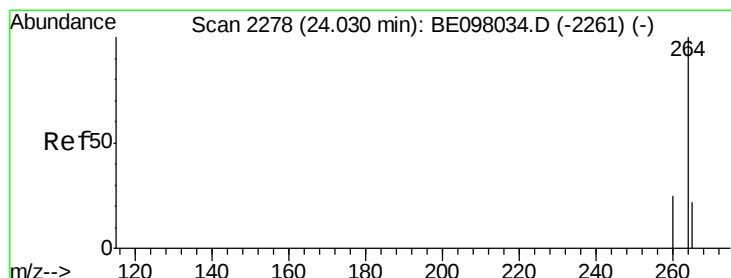
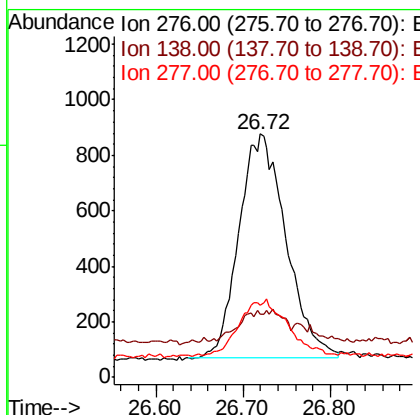
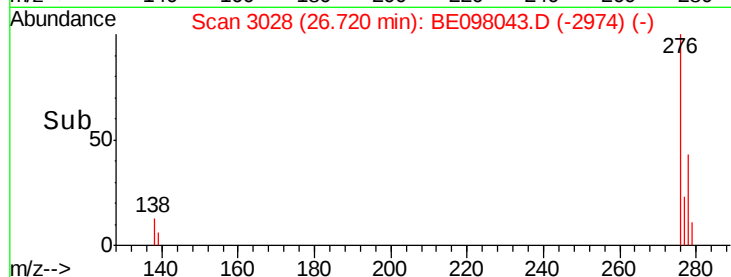
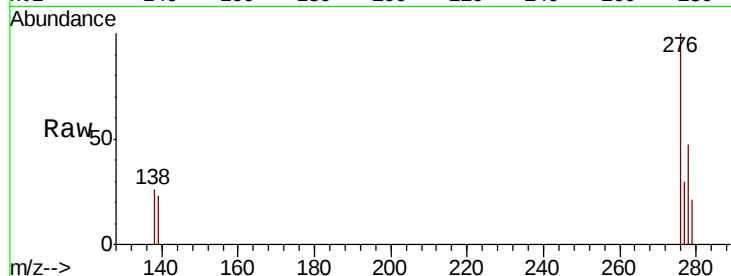
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.087 ng
 RT: 26.72 min Scan# 3028
 Delta R.T. -0.01 min
 Lab File: BE098043.D
 Acq: 24 Oct 2018 17:57

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.0	17.0	25.6#
277	12.4	20.5	30.7#

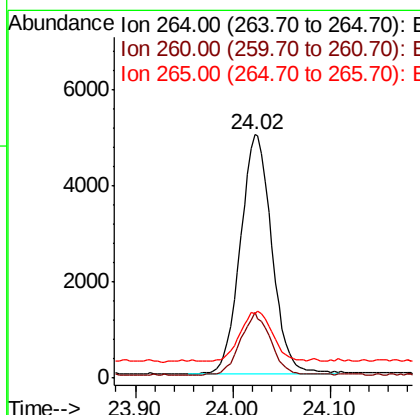
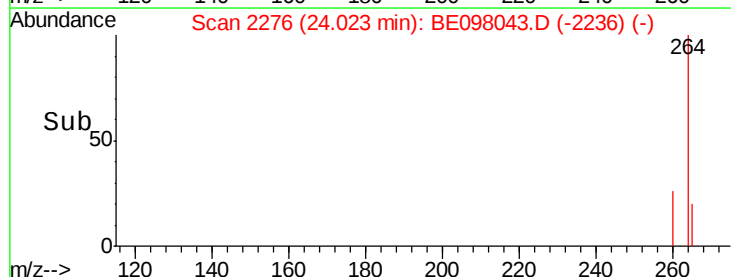
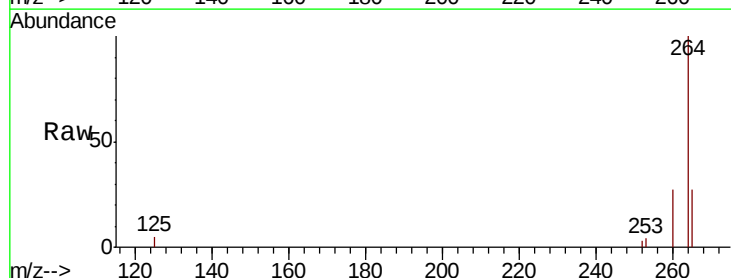
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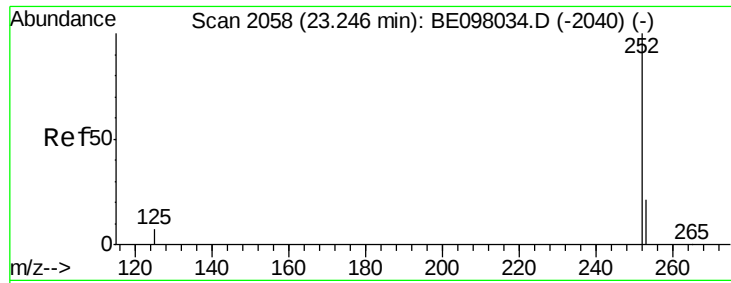
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BE098043.D
 Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.1	31.7
265	26.5	29.2	43.8#





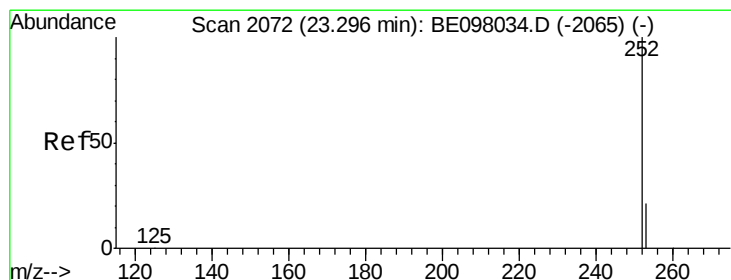
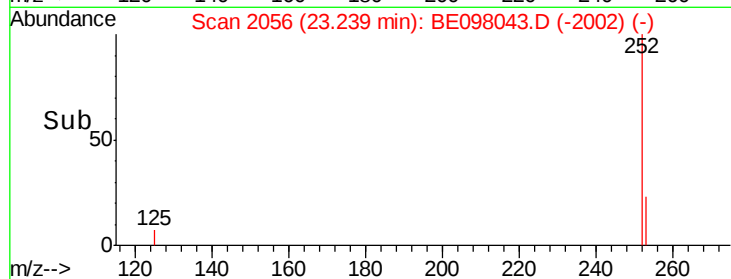
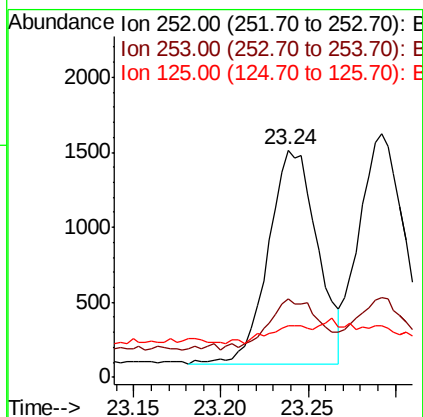
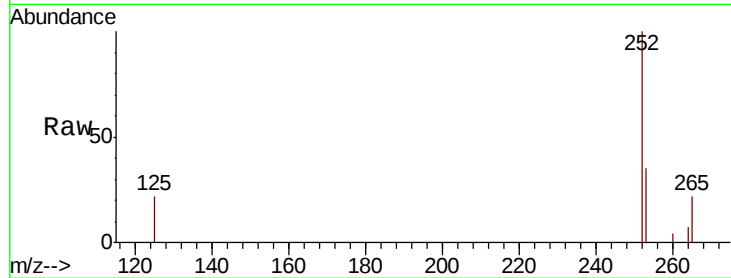
#35
Benzo(b)fluoranthene
Concen: 0.090 ng
RT: 23.24 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.6	20.6	31.0#
125	22.5	14.3	21.5#

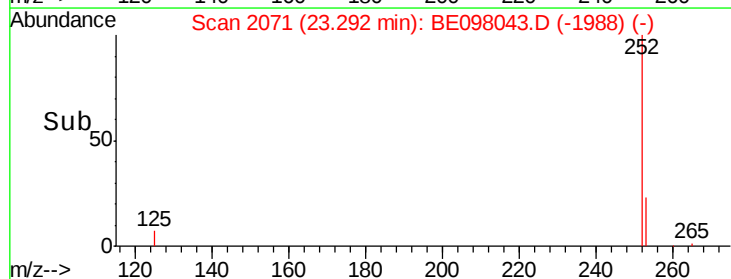
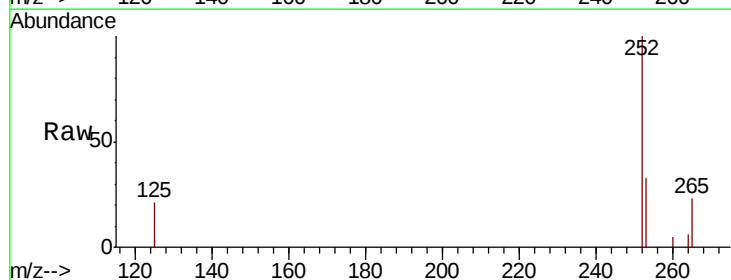
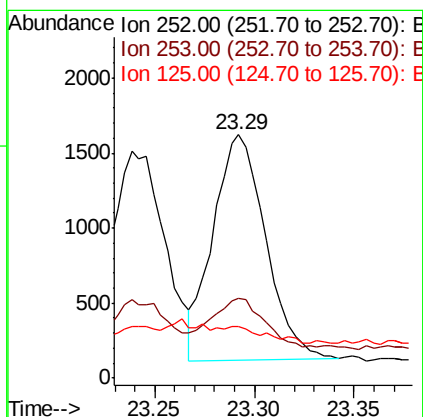
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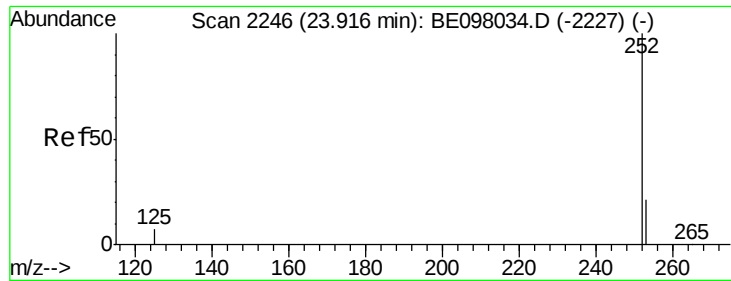
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#36
Benzo(k)fluoranthene
Concen: 0.086 ng
RT: 23.29 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.8	20.4	30.6#
125	21.0	14.6	21.8





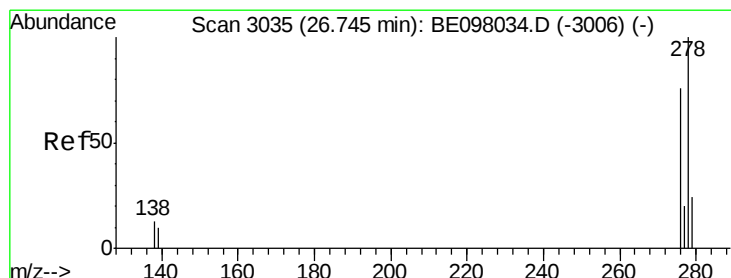
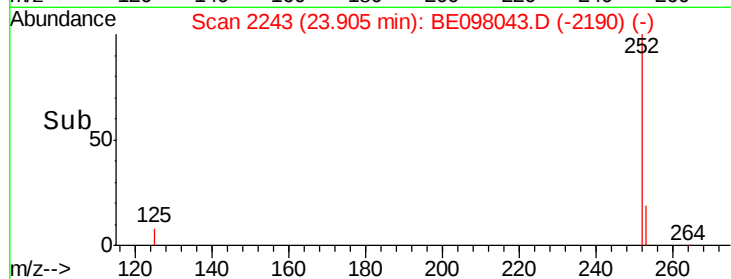
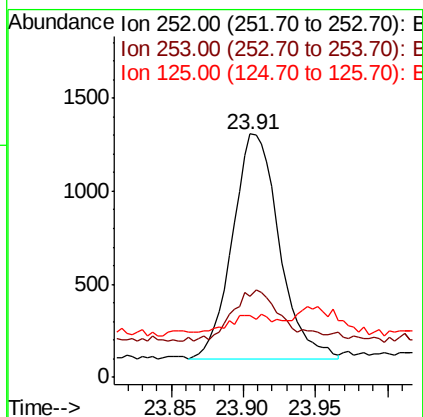
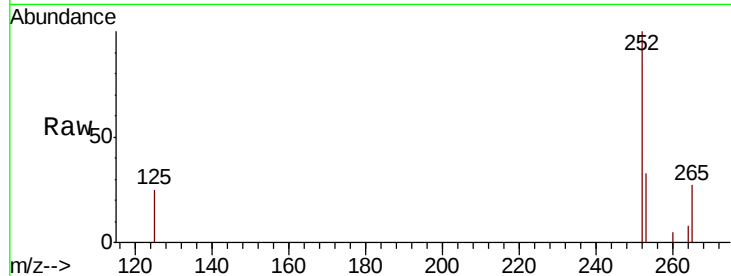
#37
Benzo(a)pyrene
Concen: 0.087 ng
RT: 23.91 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	20.6	31.0#
125	25.5	15.6	23.4#

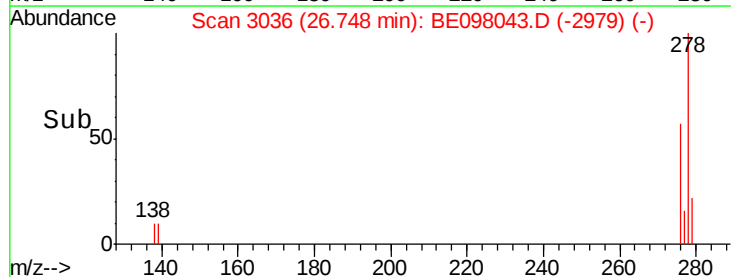
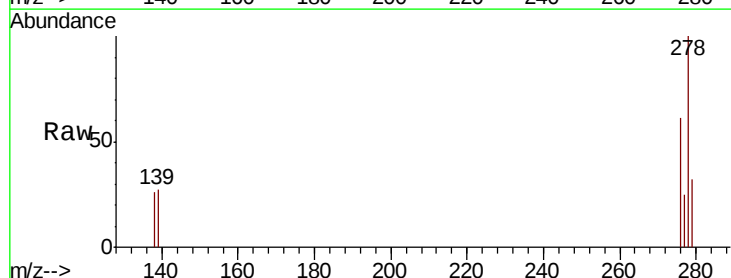
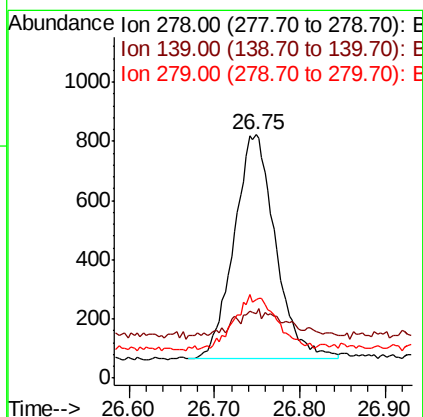
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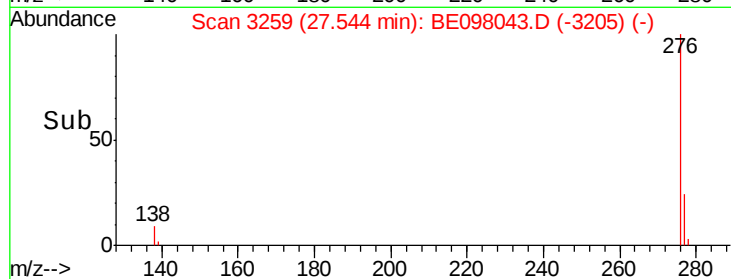
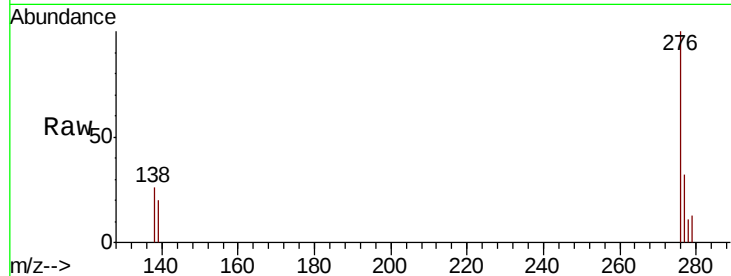
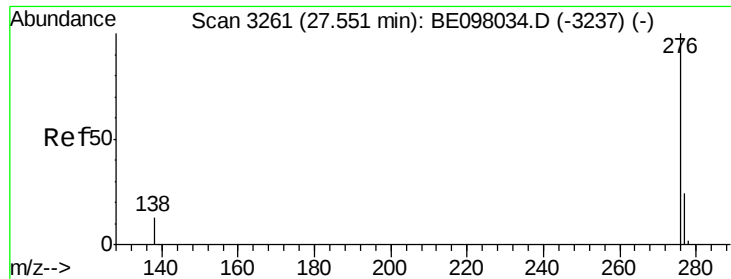
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#38
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 26.75 min Scan# 3036
Delta R.T. 0.00 min
Lab File: BE098043.D
Acq: 24 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.6	16.3	24.5#
279	32.0	21.4	32.2





#39

Benzo(a,h,i)perylene

Concen: 0.087 ng

RT: 27.54 min Scan# 3259

Delta R.T. -0.01 min

Lab File: BE098043.D

Acq: 24 Oct 2018 17:57

Tot Ion:	276	Resp:	2555
Ion Ratio	Lower	Upper	
276	100		
277	31.9	22.1	33.1
138	26.2	19.3	28.9

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-SOIL-03-QT4-2018

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