

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
 Data File : BE097104.D
 Acq On : 26 Jul 2018 15:58
 Operator : SJ/JU
 Sample : J3762-03
 Misc : MDL 0.1PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:39:49 AM

Quant Time: Jul 27 04:14:06 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 24 13:24:10 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1174	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5733	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3410	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	9505	0.40	ng	0.01
27) Chrysene-d12	20.98	240	7012	0.40	ng	0.00
34) Perylene-d12	23.22	264	5402	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	1066	0.32	ng	0.00
5) Phenol-d6	6.60	99	1432	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	1746	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3184	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	271	0.24	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4694	0.40	ng	0.00
25) Fluoranthene-d10	18.82	212	35018	0.37	ng	0.00
29) Terphenyl-d14	19.43	244	5416	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	220	0.118	ng	# 82
3) n-Nitrosodimethylamine	3.39	42	196	0.094	ng	# 76
6) bis(2-Chloroethyl)ether	6.84	93	469	0.106	ng	# 72
9) Naphthalene	10.20	128	4870	0.095	ng	# 97
10) Hexachlorobutadiene	10.48	225	239	0.104	ng	# 90
12) 2-Methylnaphthalene	11.81	142	783	0.089	ng	# 97
16) Acenaphthylene	13.74	152	1415	0.092	ng	# 98
17) Acenaphthene	14.08	154	829	0.093	ng	# 89
18) Fluorene	15.07	166	1024	0.087	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	409	0.089	ng	# 86
21) Hexachlorobenzene	16.09	284	510	0.103	ng	# 83
22) Pentachlorophenol	16.46	266	65	0.090	ng	# 93
23) Phenanthrene	16.81	178	2103	0.093	ng	# 98
24) Anthracene	16.90	178	1573	0.078	ng	# 95
26) Fluoranthene	18.84	202	2118	0.083	ng	# 99
28) Pyrene	19.21	202	1927	0.100	ng	# 99
30) Benzo(a)anthracene	20.97	228	1352m	0.078	ng	# 95
31) Chrysene	21.02	228	1795	0.096	ng	# 95
32) Bis(2-ethylhexyl)phthalate	20.92	149	1336	0.065	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.53	276	927	0.055	ng	# 70
35) Benzo(b)fluoranthene	22.54	252	1112	0.081	ng	# 93
36) Benzo(k)fluoranthene	22.59	252	1356	0.085	ng	# 78
37) Benzo(a)pyrene	23.12	252	964	0.075	ng	# 71
38) Dibenzo(a,h)anthracene	25.56	278	677	0.053	ng	# 58
39) Benzo(g,h,i)perylene	26.23	276	991	0.073	ng	# 72

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

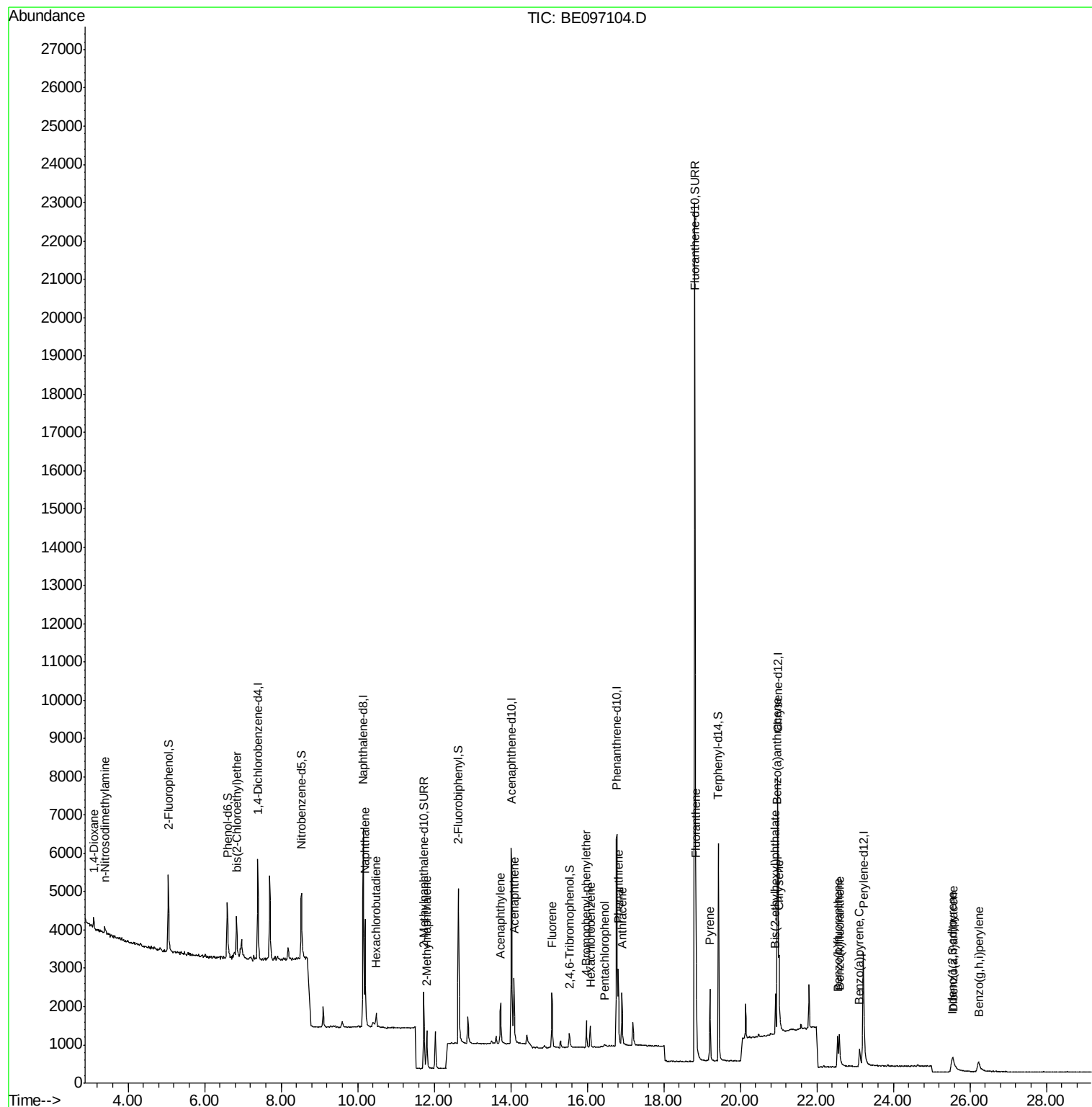
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
Data File : BE097104.D
Acq On : 26 Jul 2018 15:58
Operator : SJ/JU
Sample : J3762-03
Misc : MDL 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

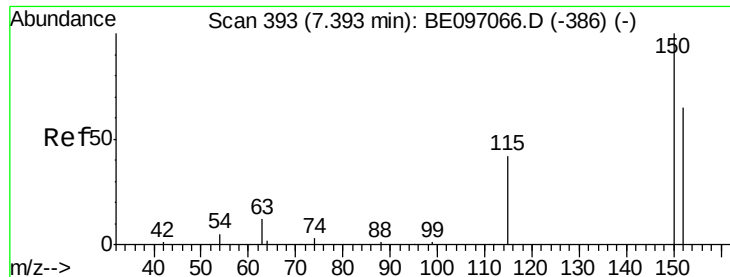
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

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7/27/2018 11:39:49 AM

Quant Time: Jul 27 04:14:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration

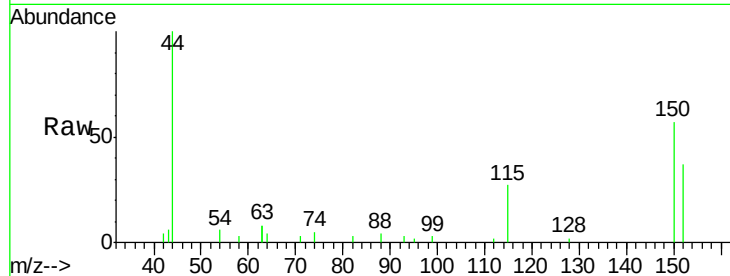




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

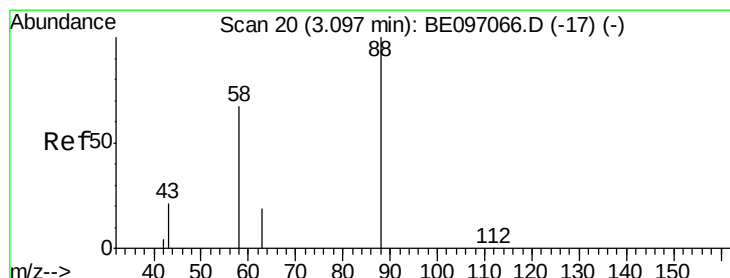
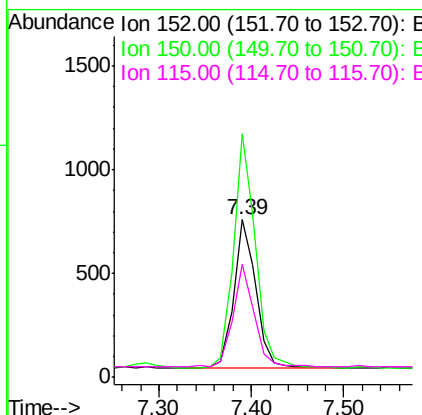
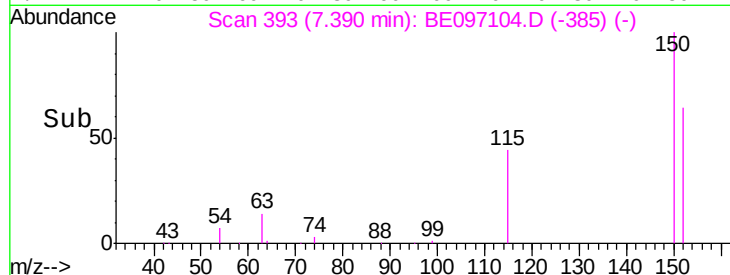
Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	117.2	175.8
115	71.5	57.0	85.6

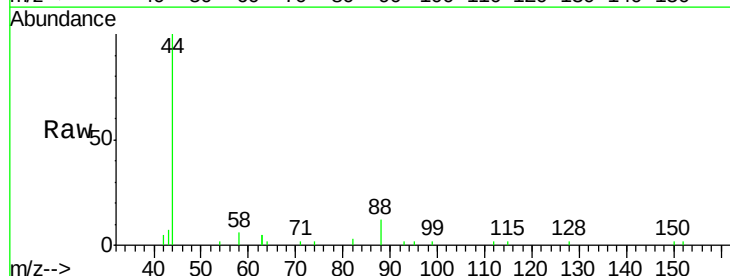
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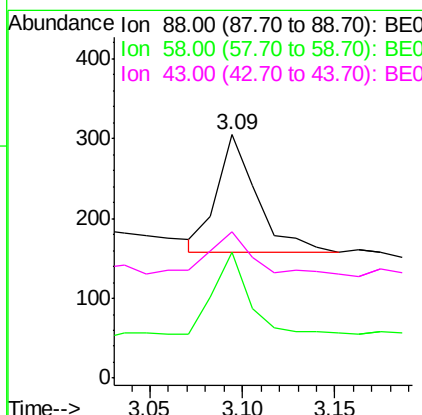
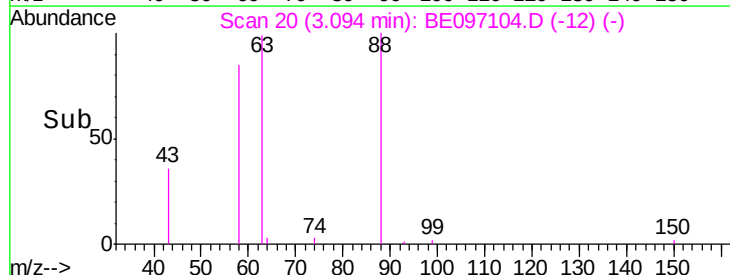


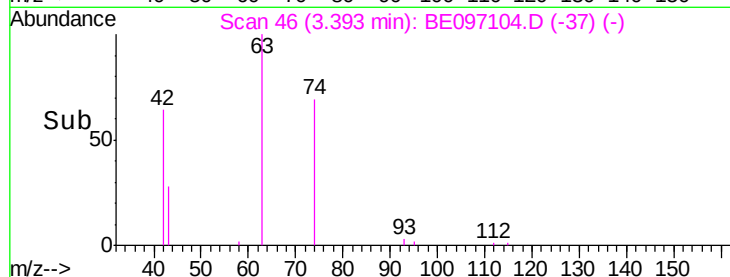
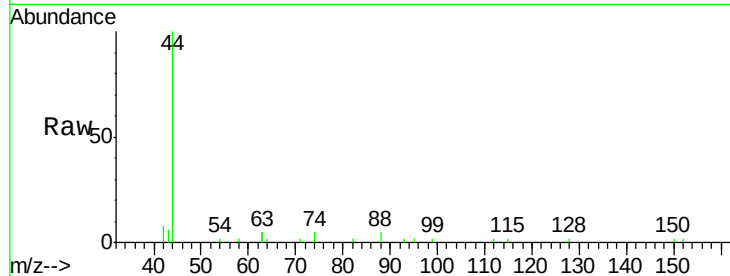
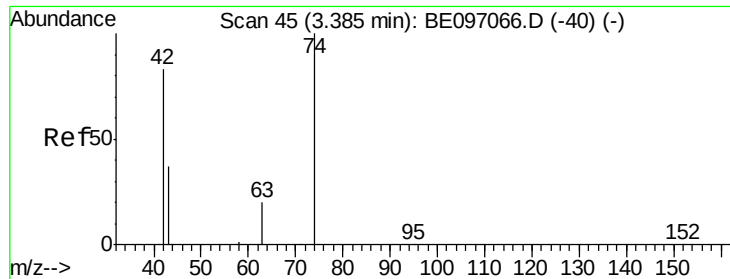
#2

1,4-Dioxane
Concen: 0.118 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58



Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.7	63.2	94.8#
43	40.0	41.2	61.8#





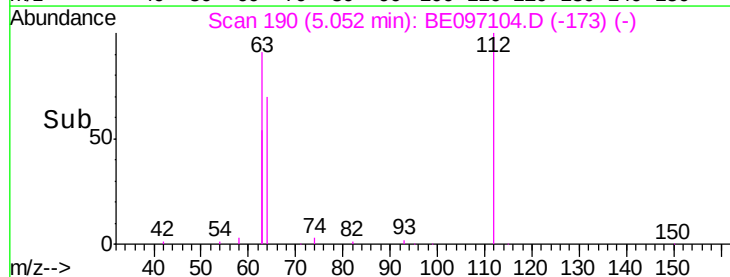
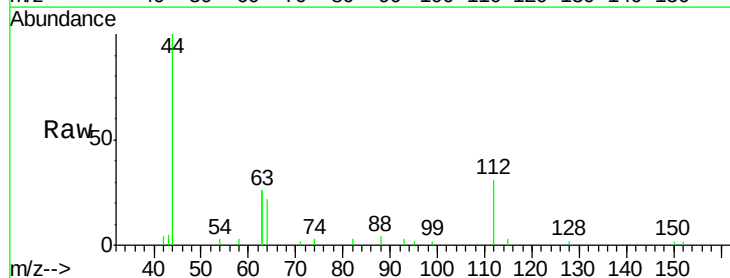
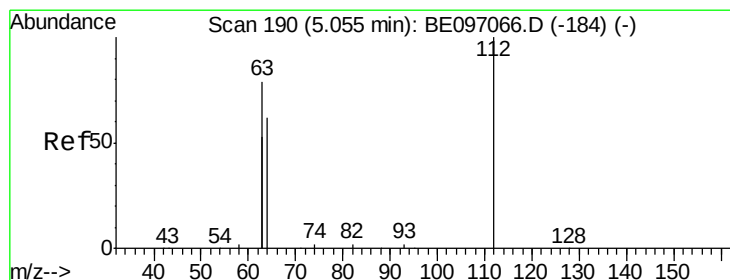
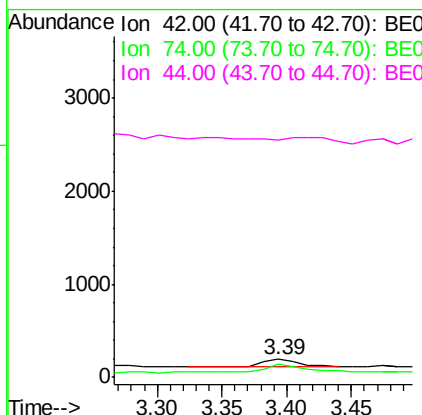
#3
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	94.9	96.0	144.0#
44	0.0	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

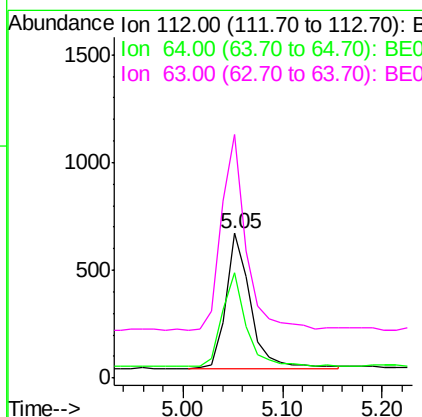
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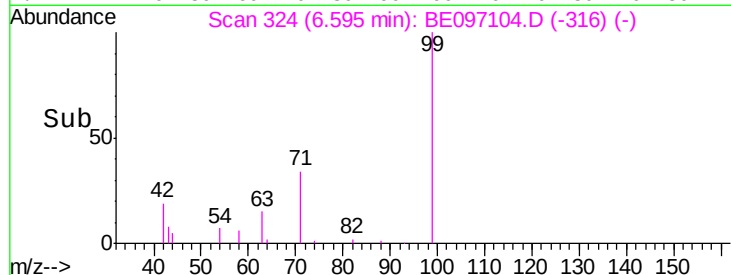
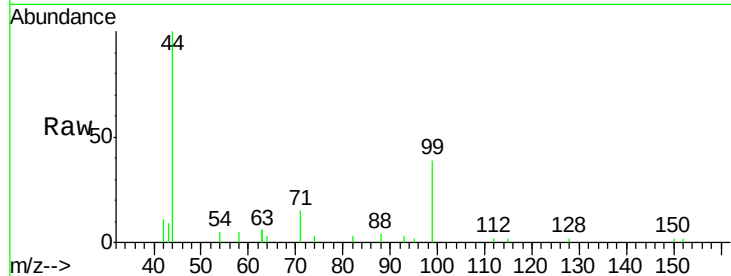
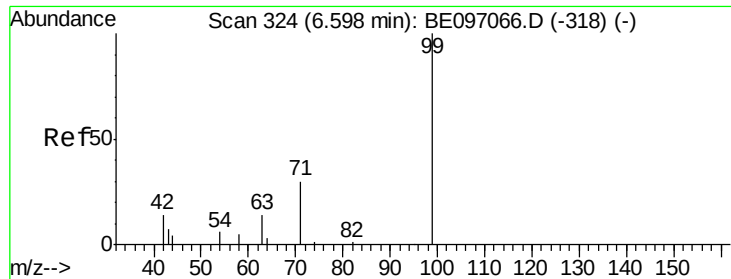
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#4
2-Fluorophenol
Concen: 0.323 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	60.1	90.1
63	146.5	116.8	175.2





#5

Phenol-d6

Concen: 0.296 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:	99	Resp:	1432
Ion	Ratio	Lower	Upper
99	100		
42	24.6	20.2	30.2
71	35.8	28.4	42.6

Instrument :

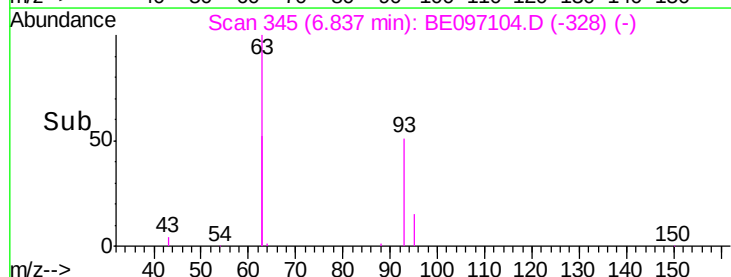
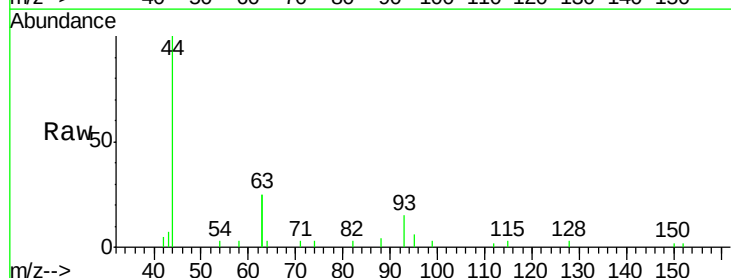
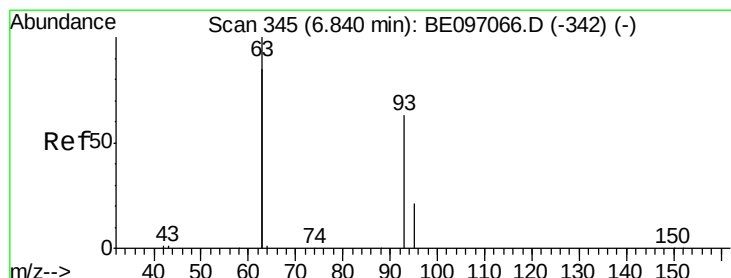
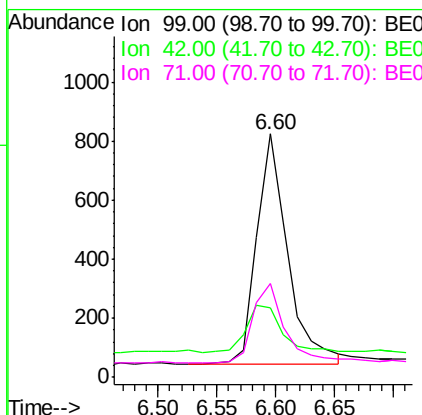
BNA_E

ClientSampleId :

MDL-SOIL-03-QT3-2018

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#6

bis(2-Chloroethyl)ether

Concen: 0.106 ng

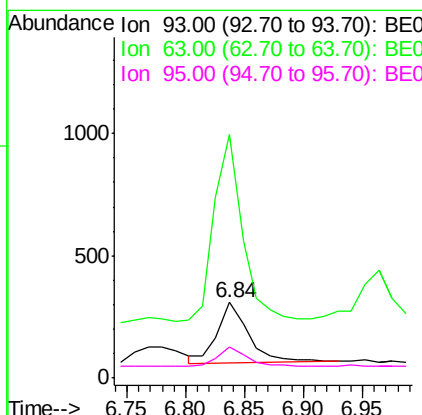
RT: 6.84 min Scan# 345

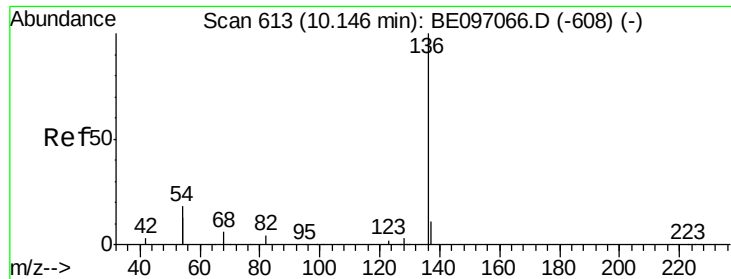
Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:	93	Resp:	469
Ion	Ratio	Lower	Upper
93	100		
63	277.6	275.3	412.9
95	32.2	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

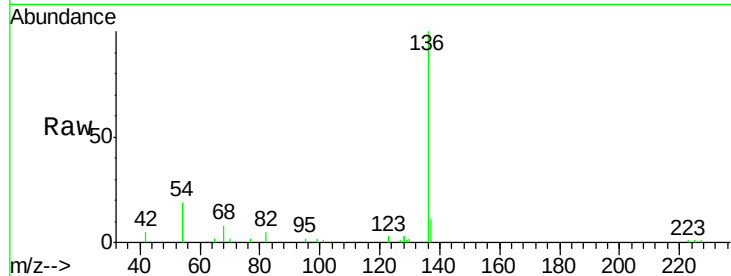
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tgt Ion:	136	Resp:	5733
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.5	14.3
54	38.5	29.1	43.7
68	7.8	6.2	9.2

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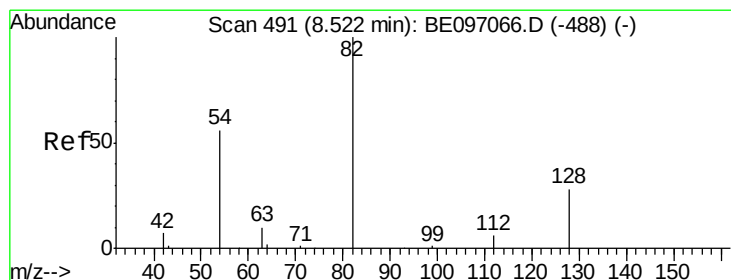
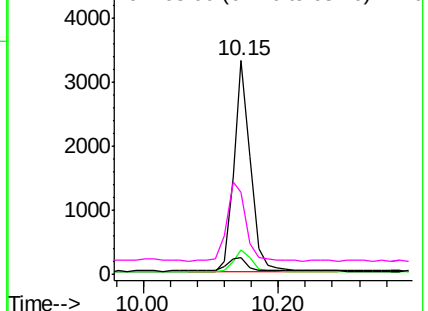
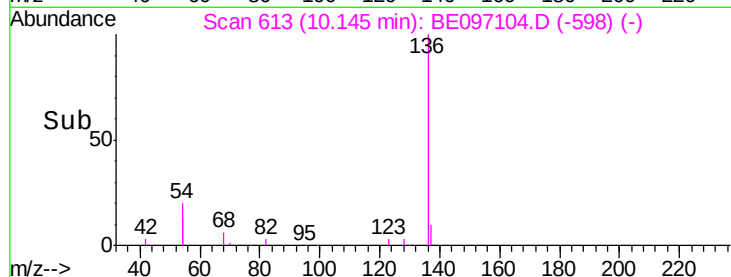
Abundance

Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.351 ng

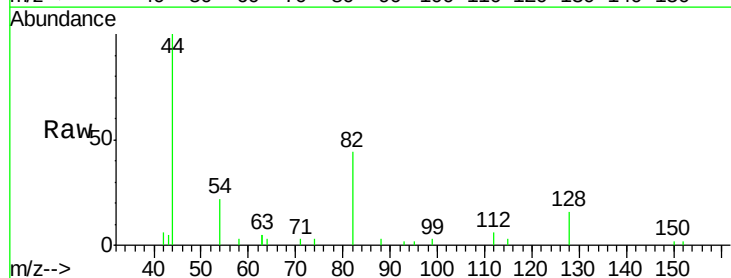
RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:	82	Resp:	1746
Ion Ratio	Lower	Upper	
82	100		
128	36.6	24.0	36.0#
54	50.7	40.0	60.0

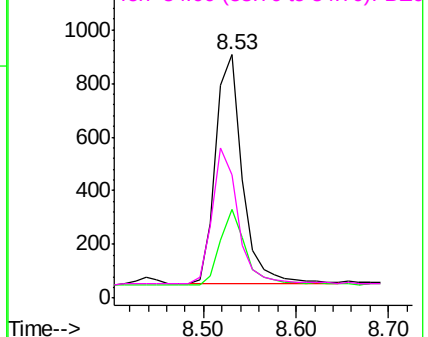
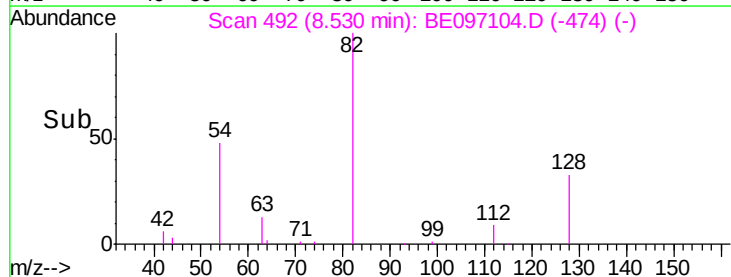


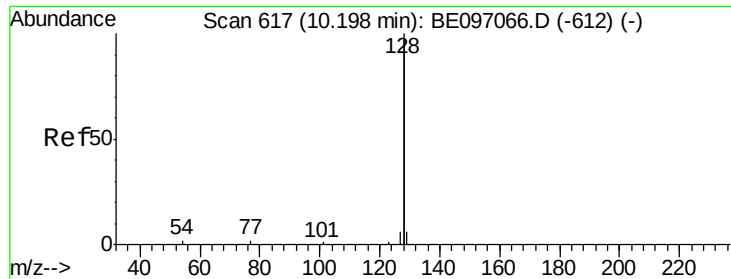
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.095 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

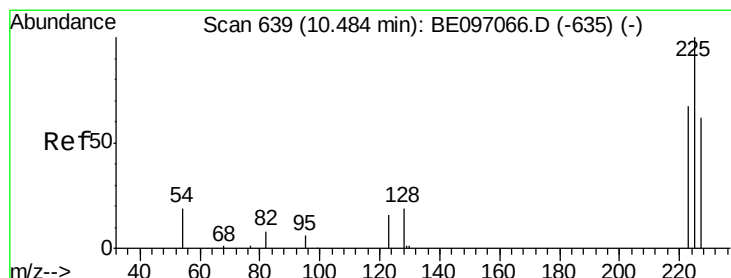
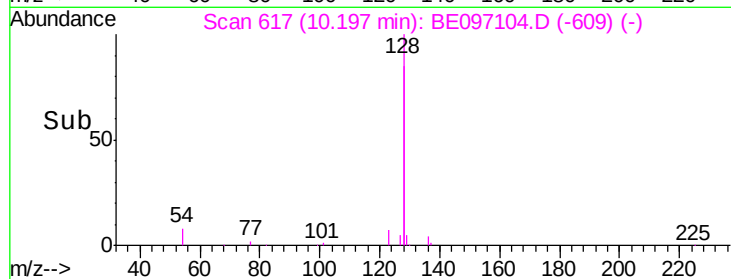
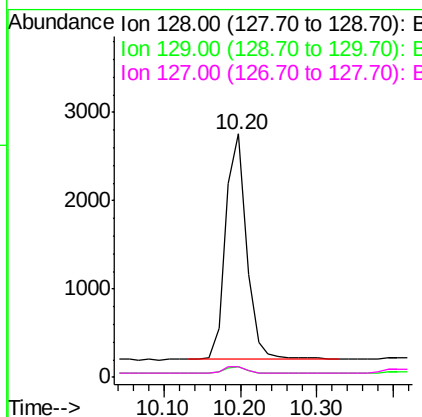
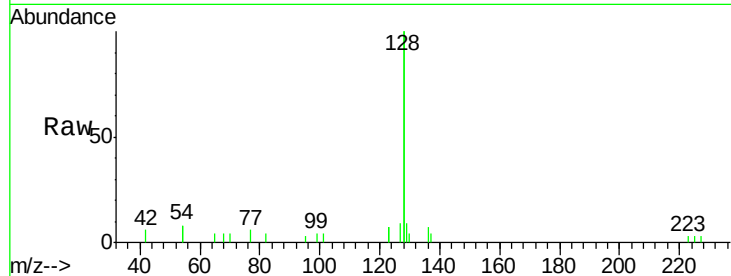
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tgt Ion:	128	Resp:	4870
Ion Ratio	Lower	Upper	
128	100		
129	4.5	2.6	3.8#
127	4.5	2.8	4.2#

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#10

Hexachlorobutadiene

Concen: 0.104 ng

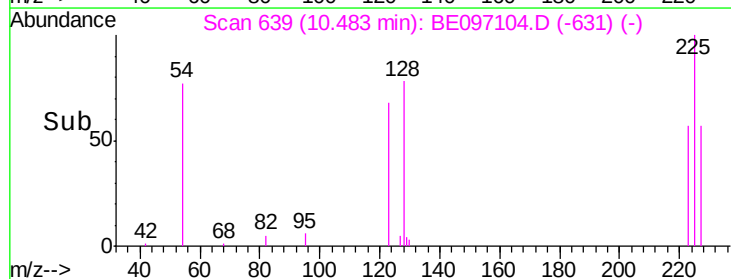
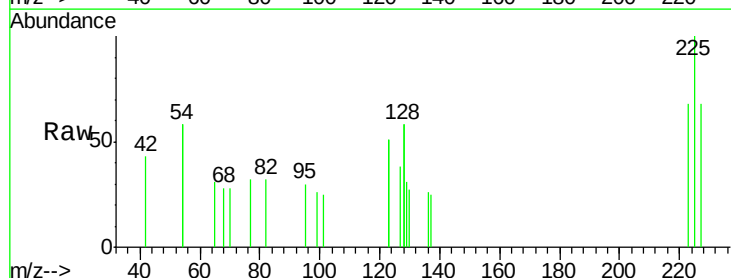
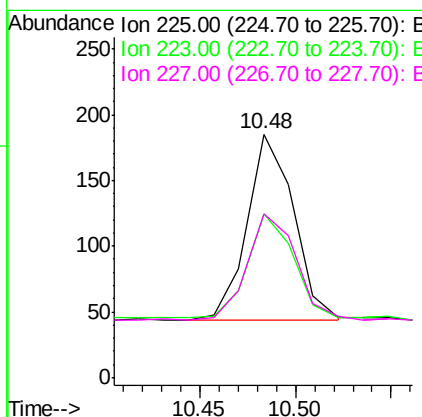
RT: 10.48 min Scan# 639

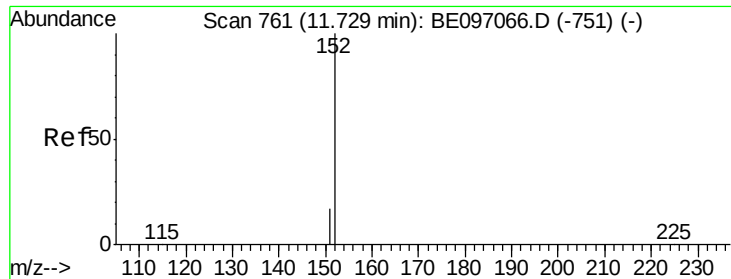
Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:	225	Resp:	239
Ion Ratio	Lower	Upper	
225	100		
223	54.0	53.0	79.6
227	60.3	51.4	77.2





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT3-2018

Tgt Ion:152 Resp: 3184

Ion Ratio Lower Upper

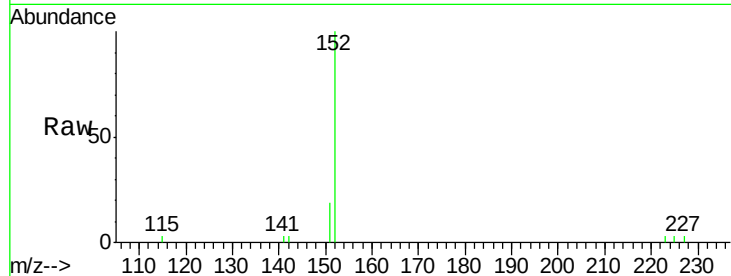
152 100

151 19.0 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

2000

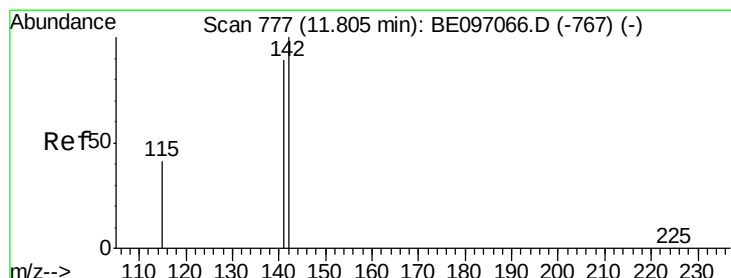
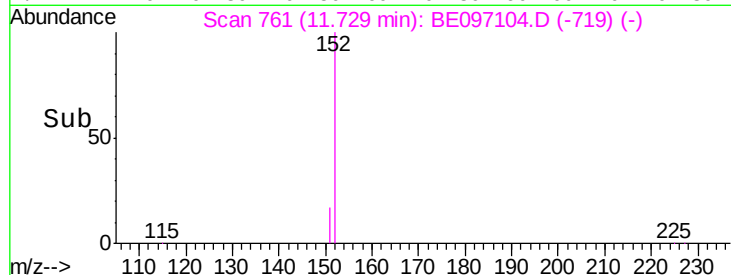
1500

1000

500

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.089 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

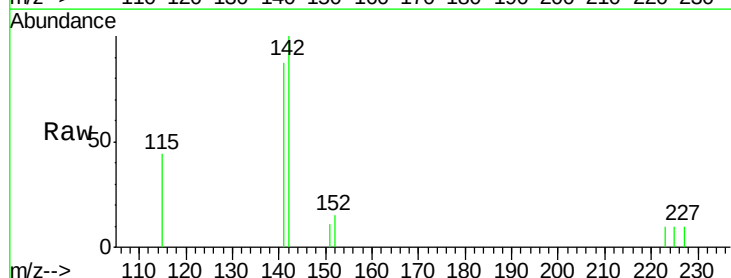
Tgt Ion:142 Resp: 783

Ion Ratio Lower Upper

142 100

141 87.0 70.4 105.6

115 44.0 31.7 47.5



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

11.81

600

500

400

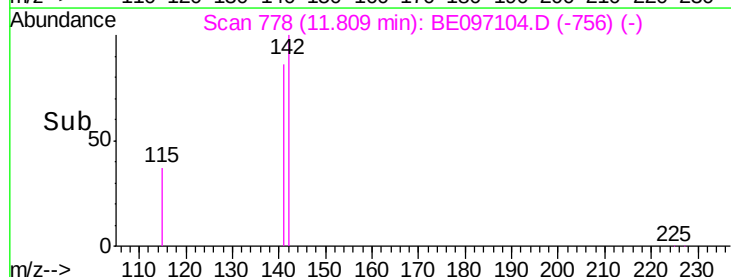
300

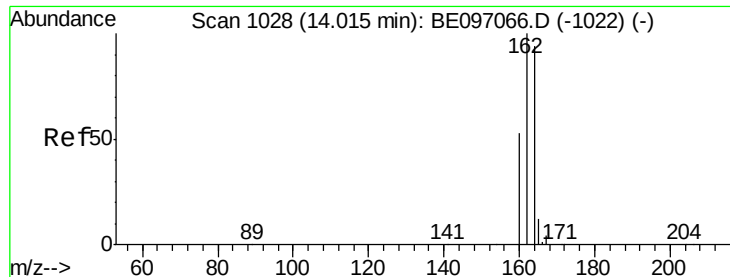
200

100

0

Time--> 11.80 11.90





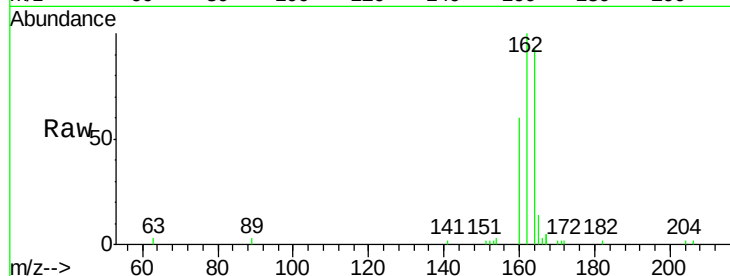
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.1	124.7
160	64.0	37.1	55.7

Manual Integrations
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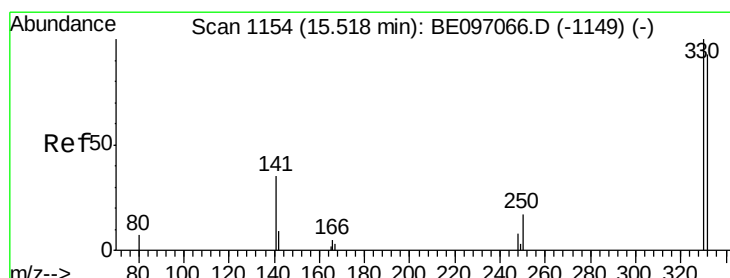
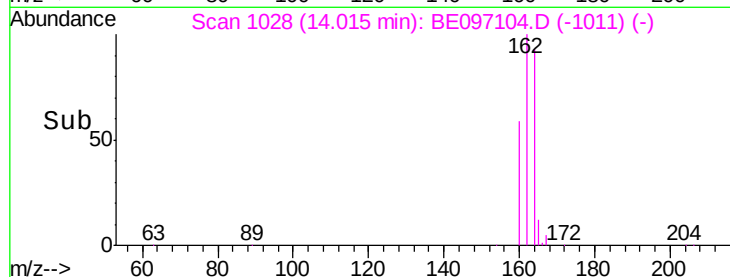
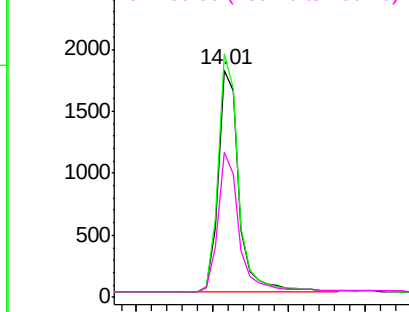


Abundance

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: 0.241 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

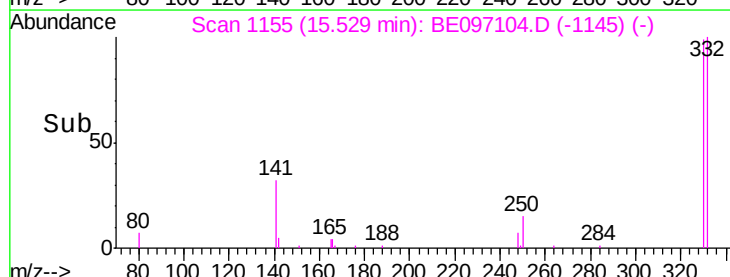
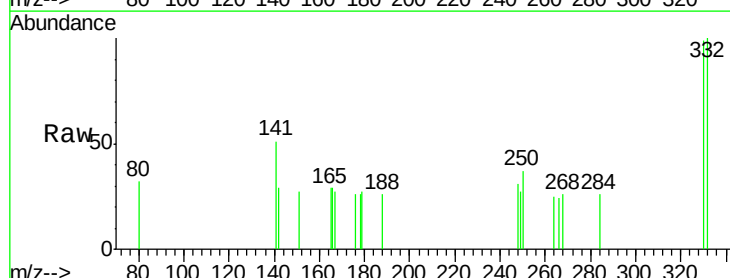
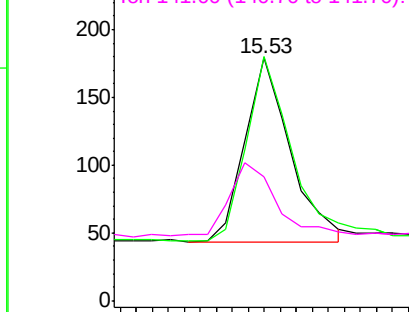
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	152.7	229.1
141	43.2	33.7	50.5

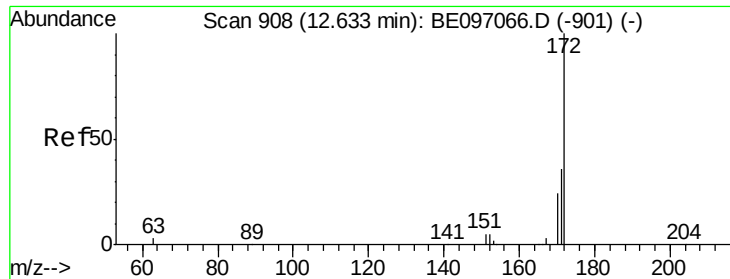
Abundance

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





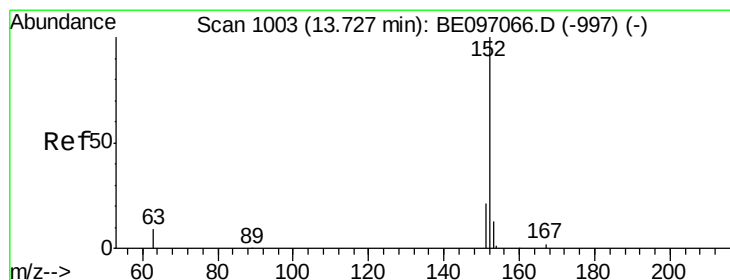
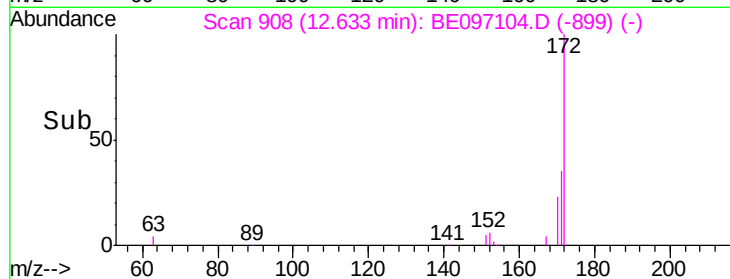
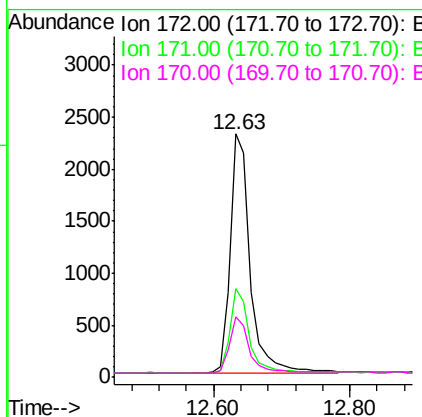
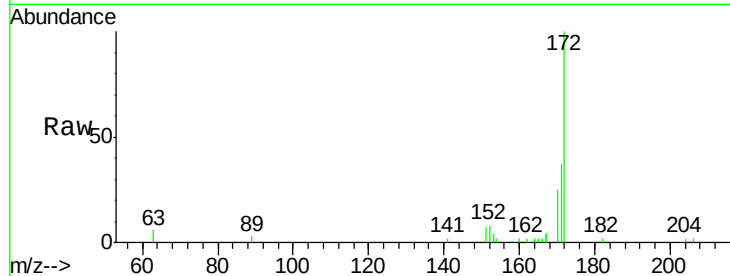
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	24.8	21.8	32.8

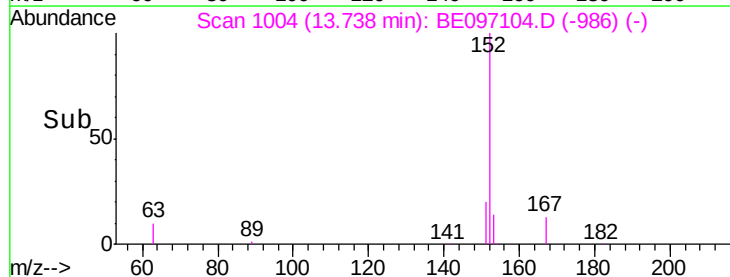
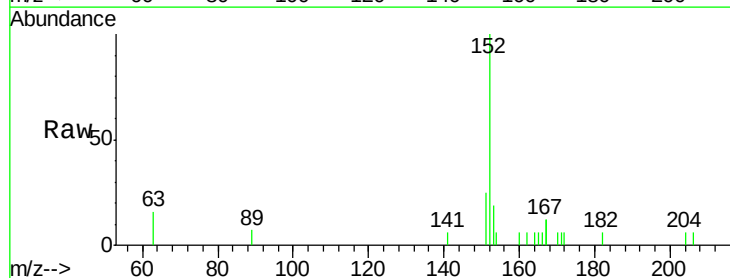
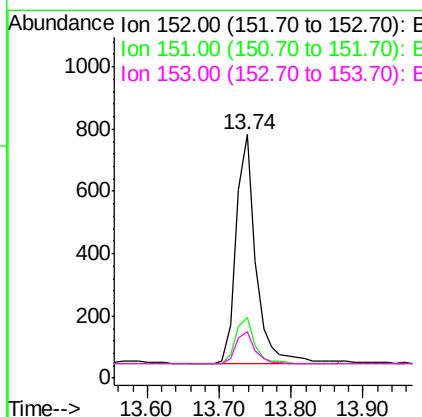
Manual Integrations
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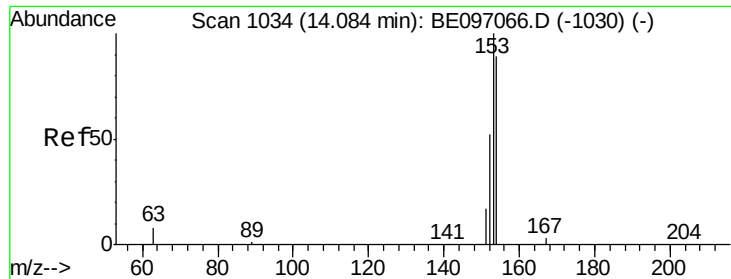
Sohil
7/27/2018 11:39:49 AM



#16
Acenaphthylene
Concen: 0.092 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	13.7	10.5	15.7





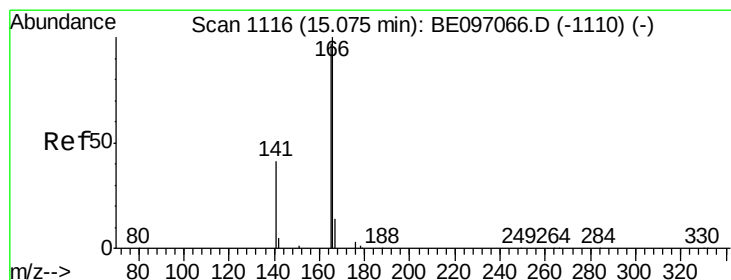
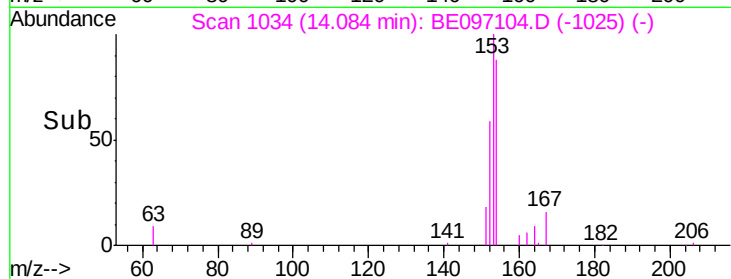
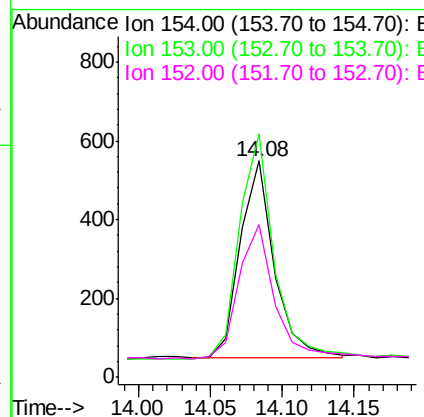
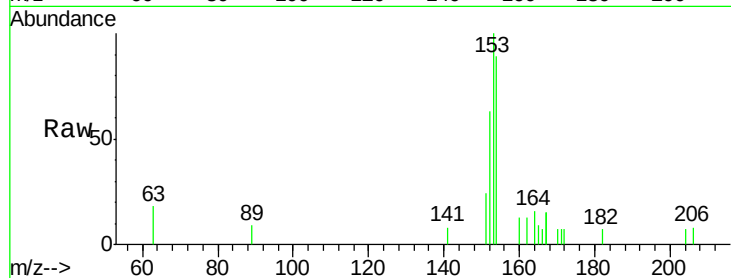
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	71.4	42.0	63.0#

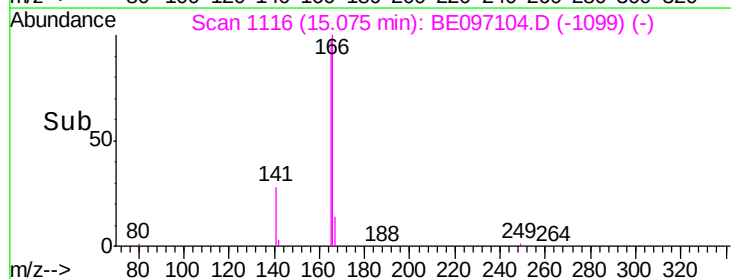
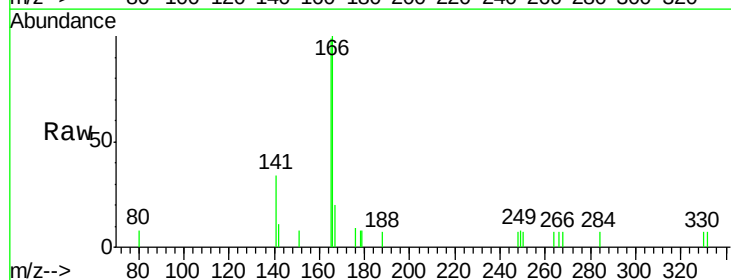
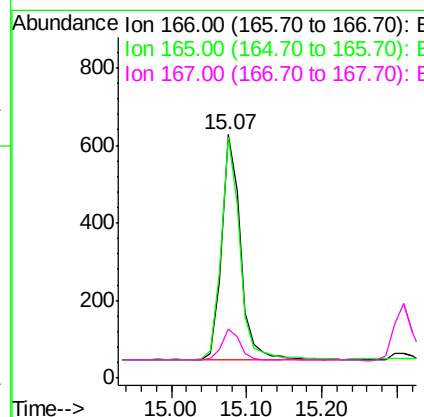
Manual Integrations
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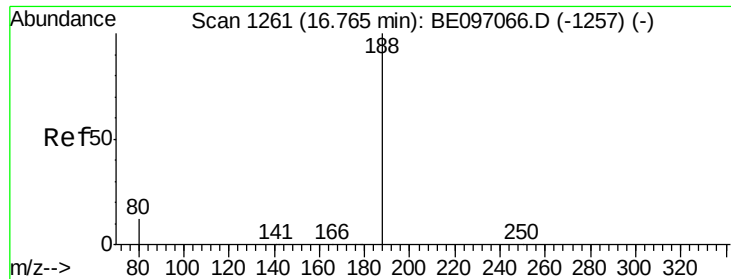
Sohil
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#18
Fluorene
Concen: 0.087 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.7	42.4	63.6#





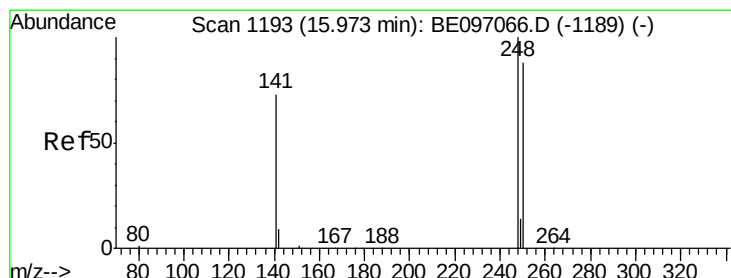
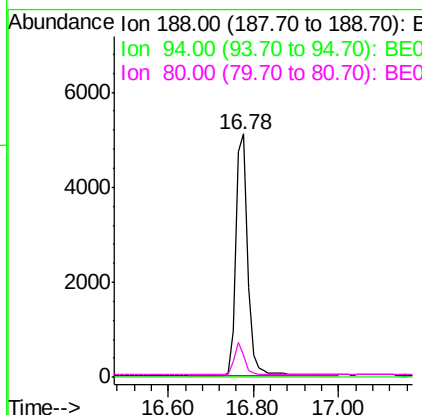
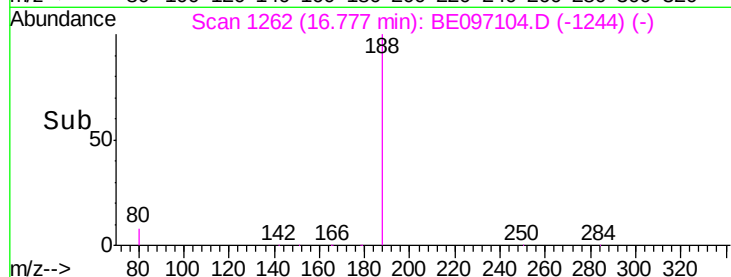
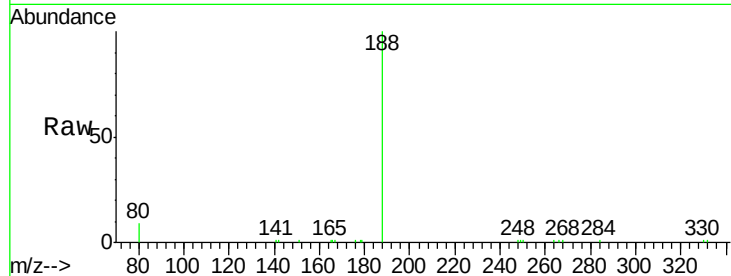
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#

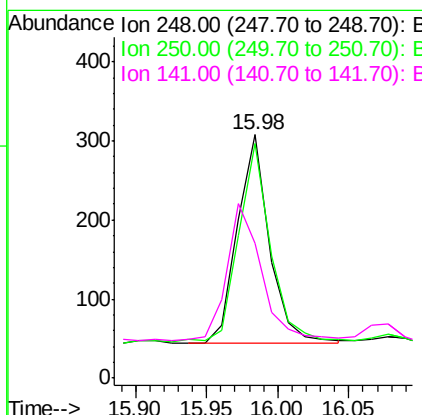
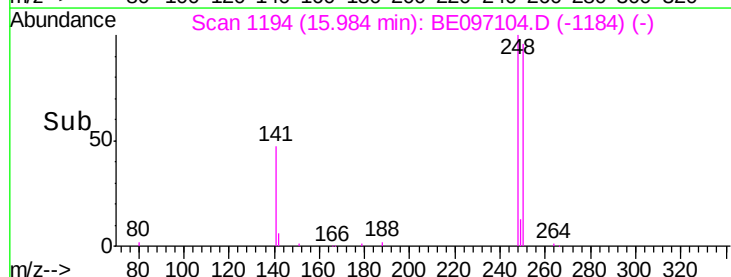
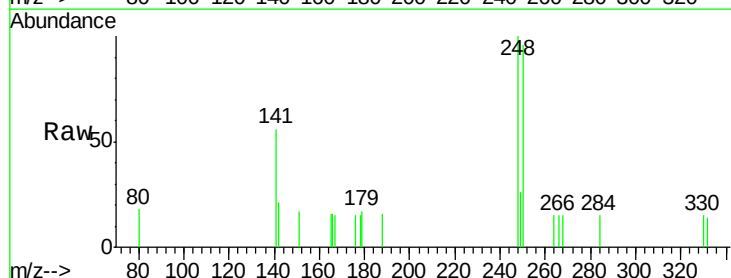
Manual Integrations
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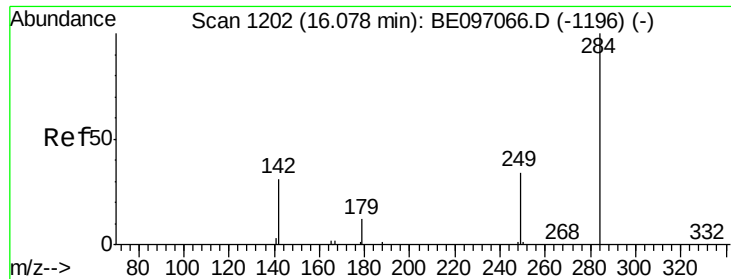
Sohil
7/27/2018 11:39:49 AM



#20
4-Bromophenyl-phenylether
Concen: 0.089 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	96.4	62.7	94.1#
141	55.5	48.2	72.2





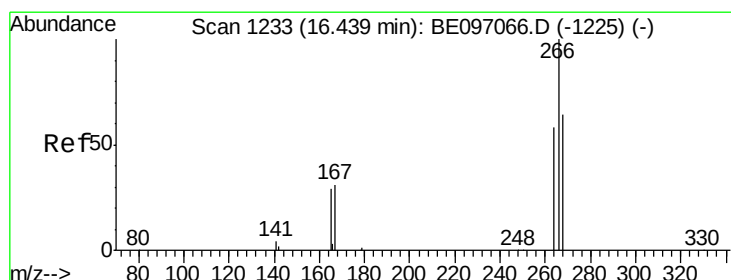
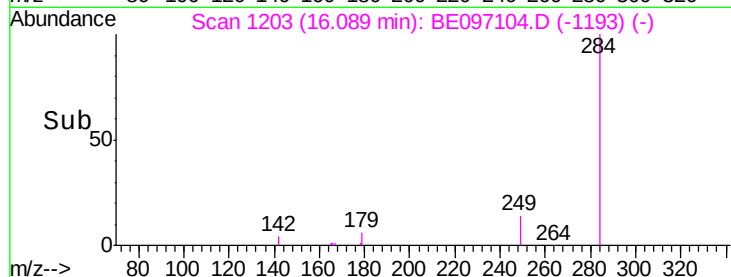
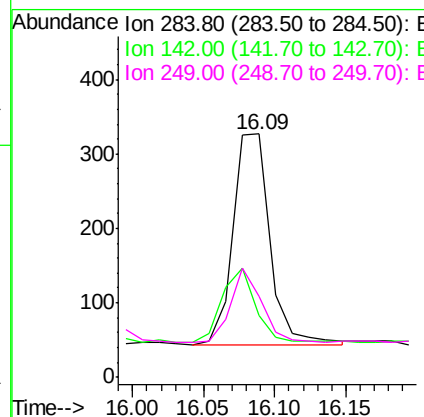
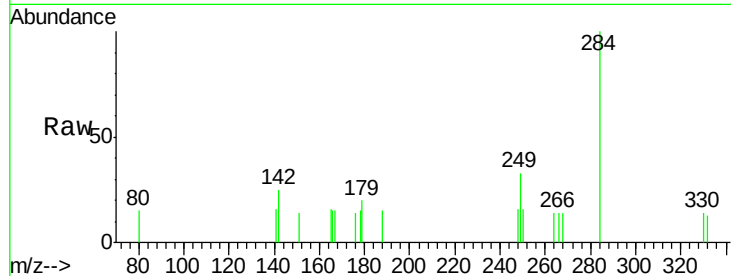
#21
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.1	33.1
249	29.2	34.8	52.2

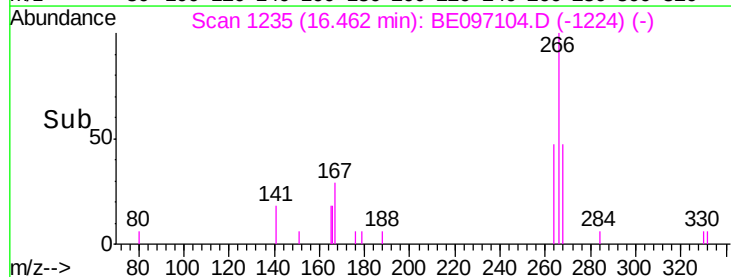
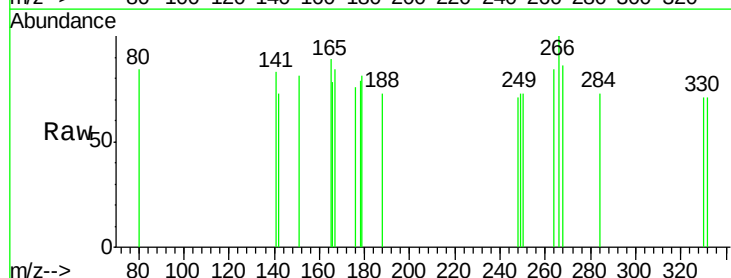
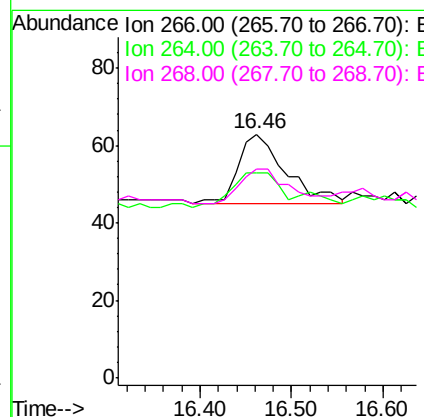
Manual Integrations
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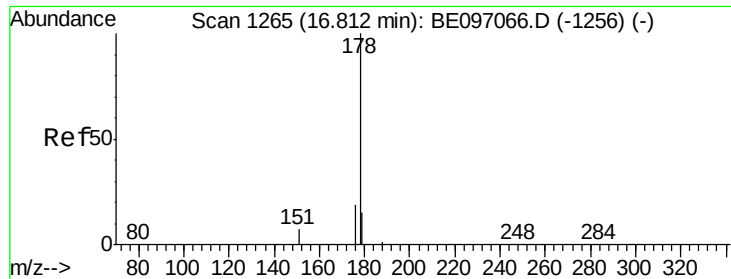
Sohil
7/27/2018 11:39:49 AM



#22
Pentachlorophenol
Concen: 0.090 ng
RT: 16.46 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	84.1	72.5	108.7
268	85.7	73.8	110.6





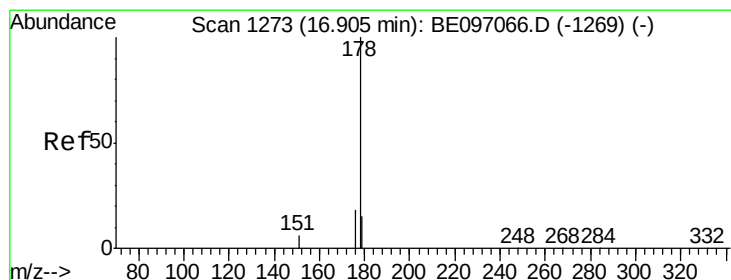
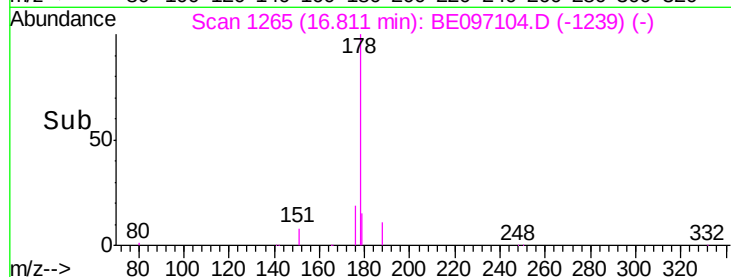
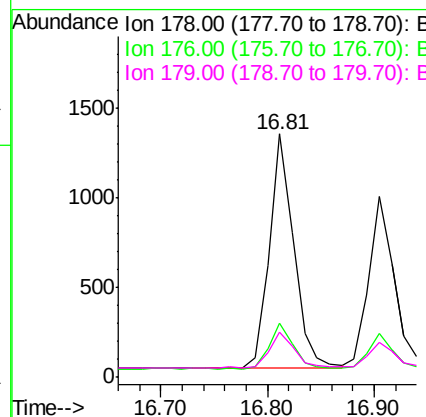
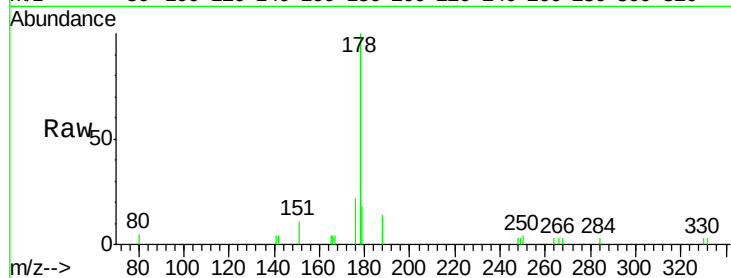
#23
Phenanthrene
Concen: 0.093 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.2	11.8	17.6

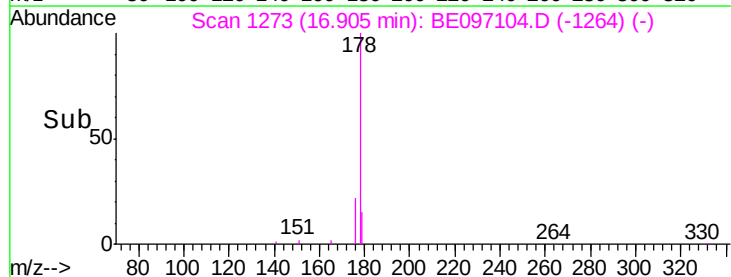
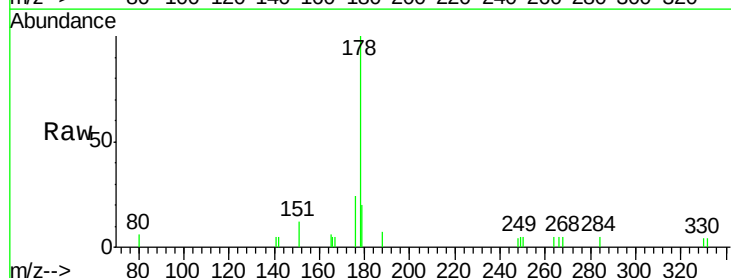
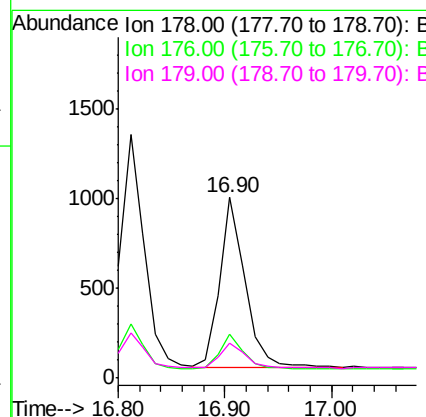
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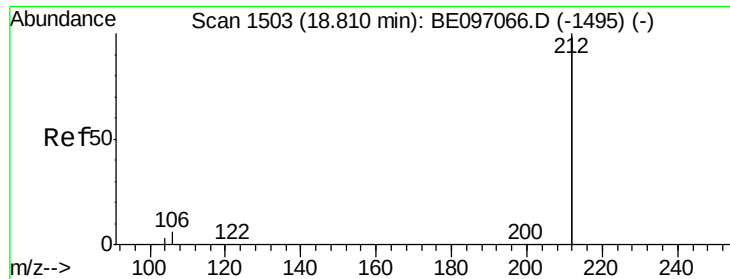
Sohil
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#24
Anthracene
Concen: 0.078 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	15.6	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

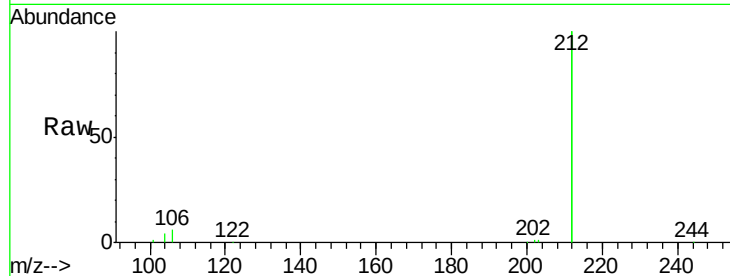
ClientSampleId :

MDL-SOIL-03-QT3-2018

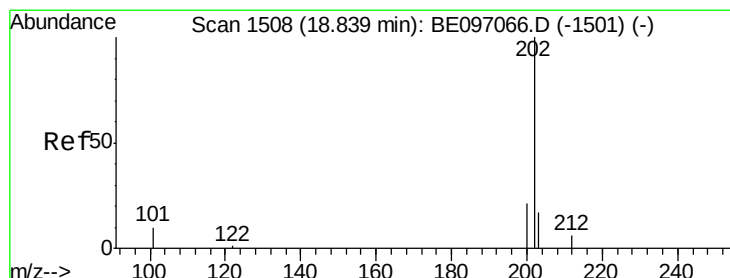
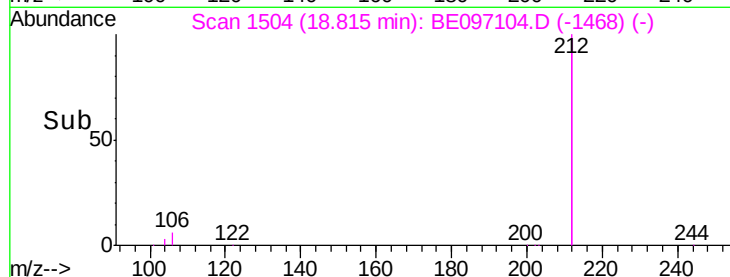
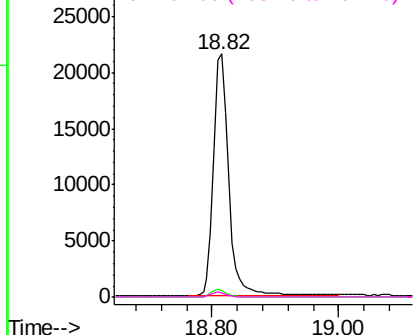
Tgt Ion:	212	Resp:	35018
Ion Ratio	Lower	Upper	
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

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: 0.083 ng

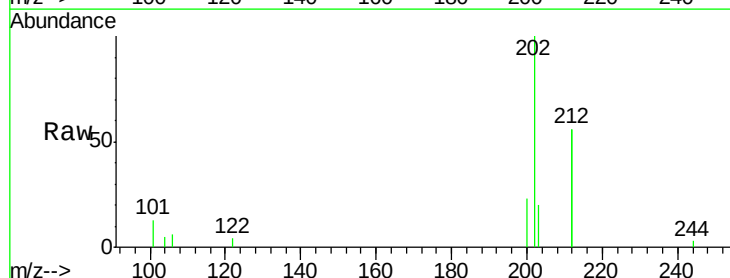
RT: 18.84 min Scan# 1509

Delta R.T. 0.01 min

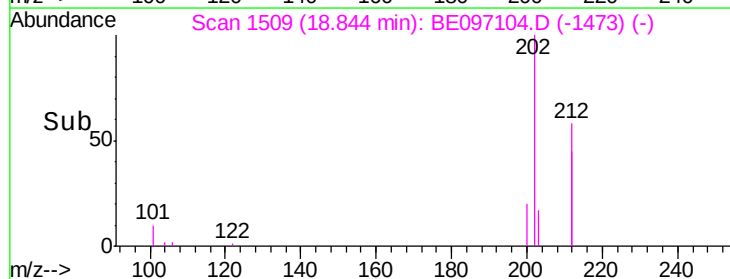
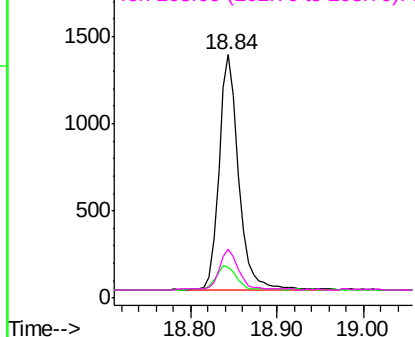
Lab File: BE097104.D

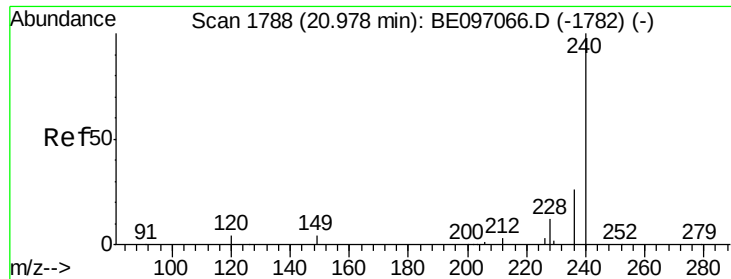
Acq: 26 Jul 2018 15:58

Tgt Ion:	202	Resp:	2118
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.8	14.8
203	17.4	13.7	20.5



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





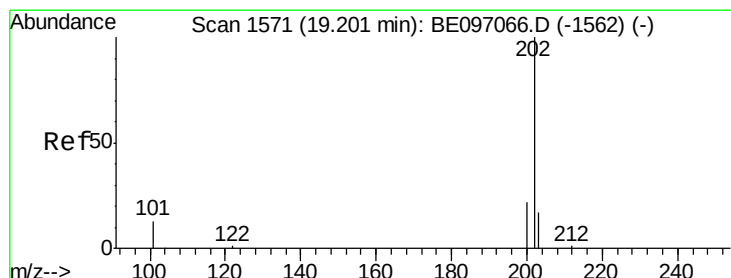
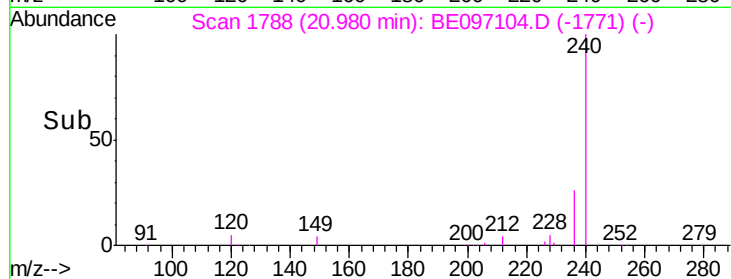
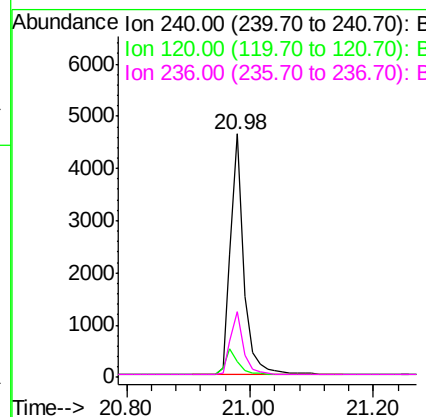
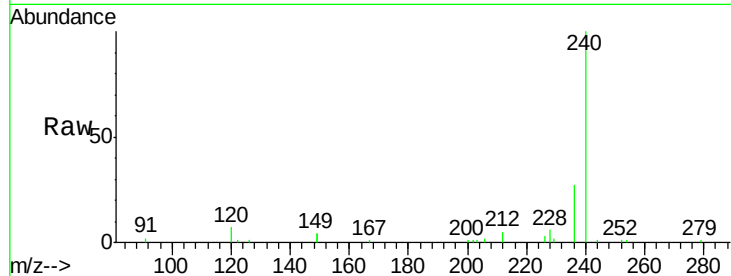
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.5	8.3
236	27.2	20.7	31.1

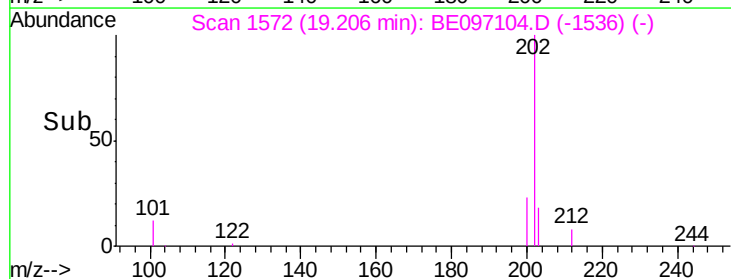
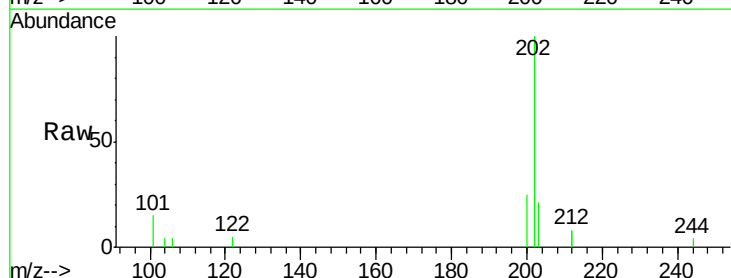
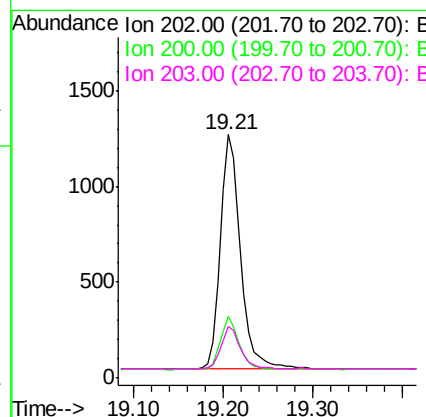
Manual Integrations
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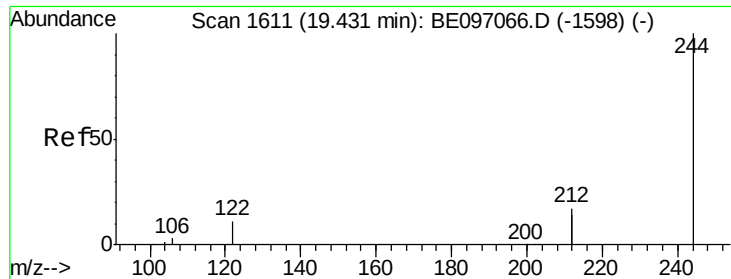
Sohil
 7/27/2018 11:39:49 AM



#28
 Pyrene
 Concen: 0.100 ng
 RT: 19.21 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	16.8	13.8	20.8





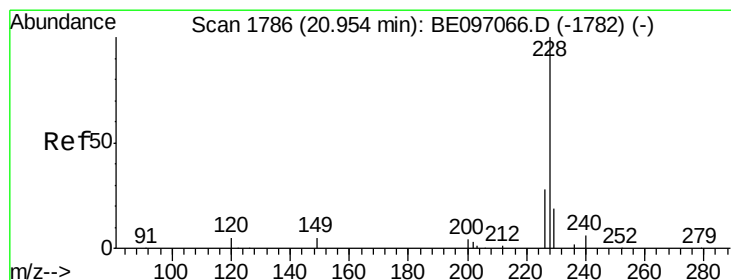
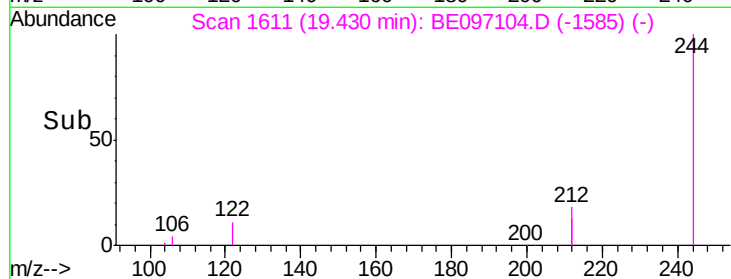
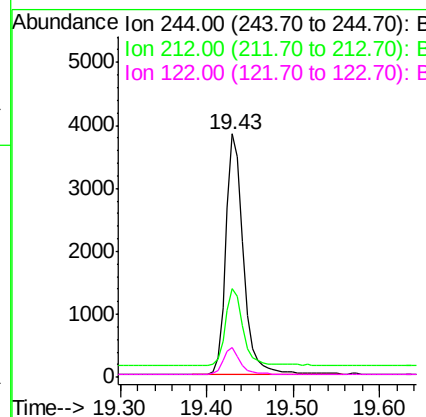
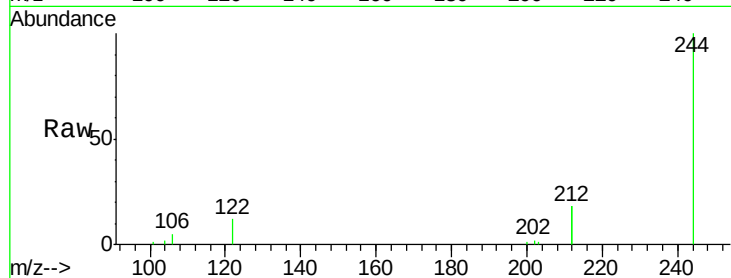
#29
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
244	100		
212	36.4	25.4	38.0
122	12.3	8.1	12.1

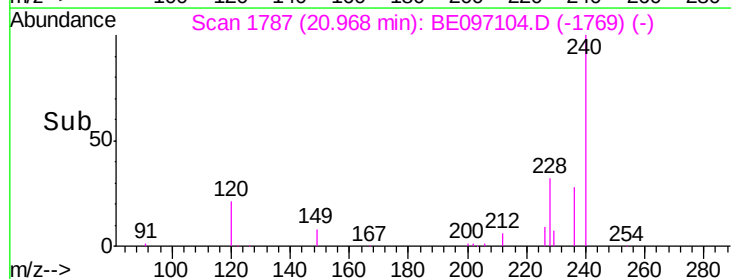
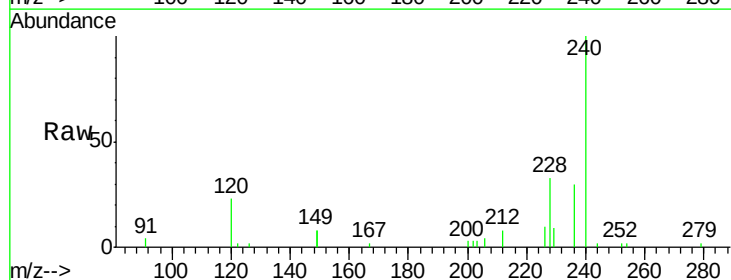
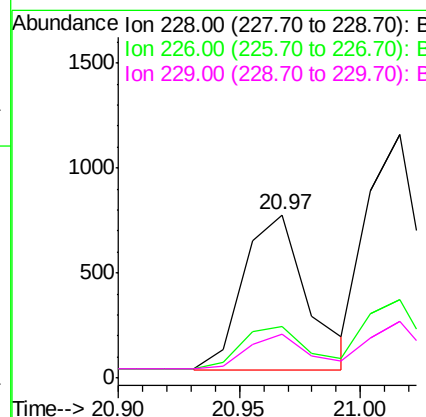
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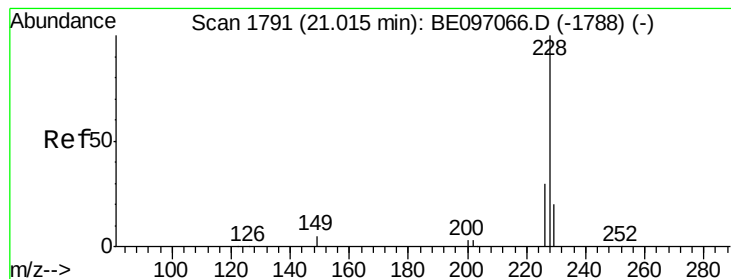
Sohil
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#30
 Benzo(a)anthracene
 Concen: 0.078 ng m
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	26.5	16.0	24.0





#31

Chrysene

Concen: 0.096 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097104.D

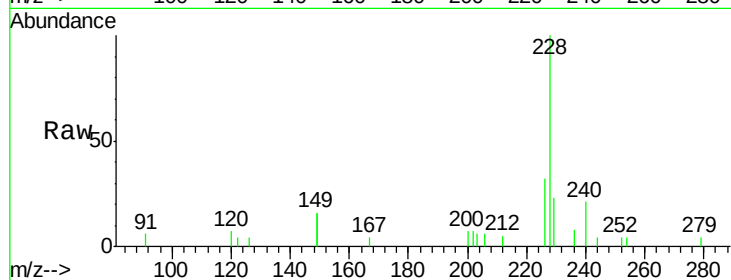
Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

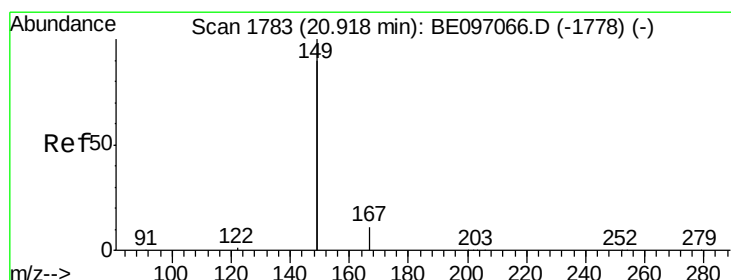
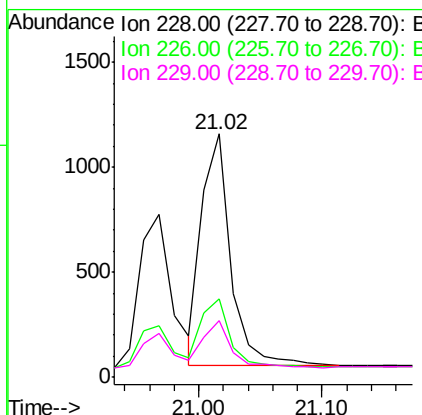
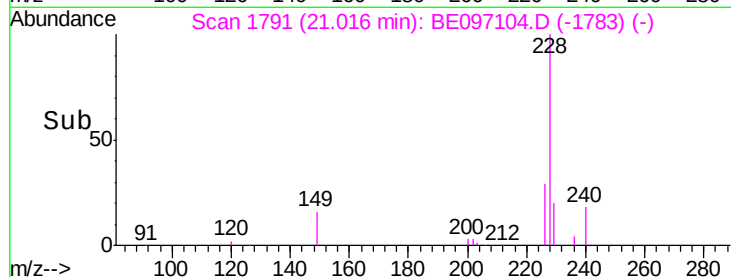
MDL-SOIL-03-QT3-2018



Tgt Ion:	228	Resp:	1795
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.0	36.0
229	23.2	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.065 ng

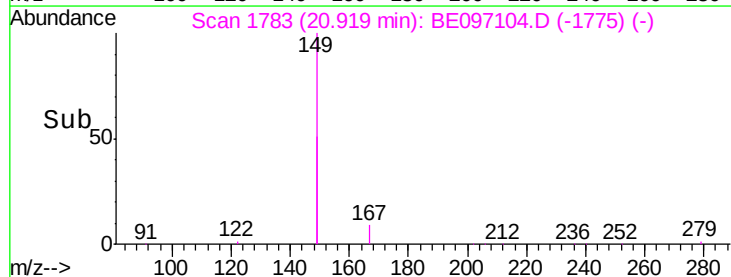
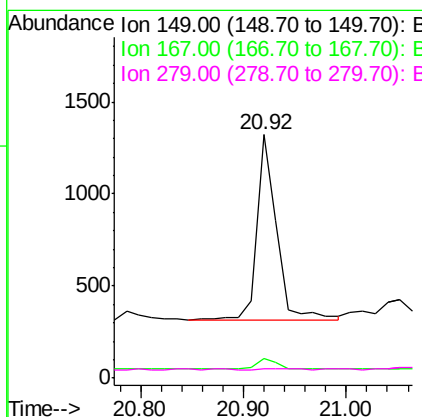
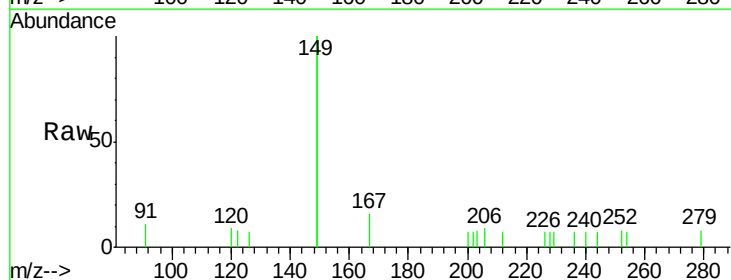
RT: 20.92 min Scan# 1783

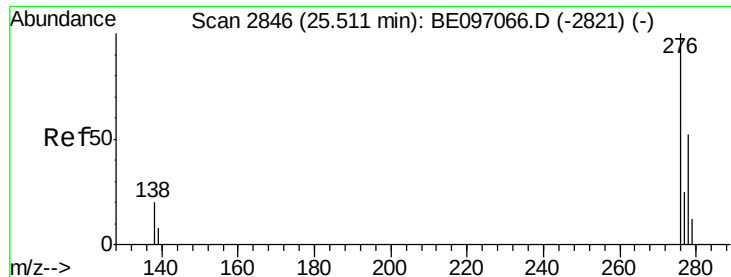
Delta R.T. 0.00 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:	149	Resp:	1336
Ion Ratio	Lower	Upper	
149	100		
167	6.1	5.4	8.0
279	1.4	0.7	1.1#





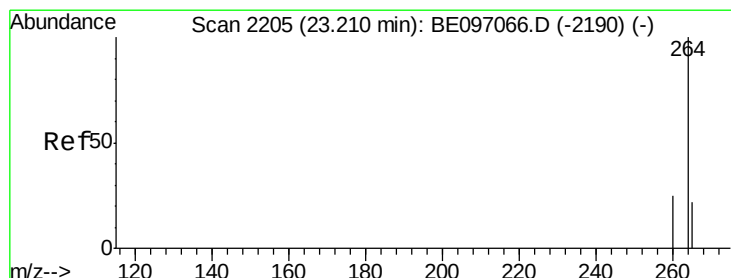
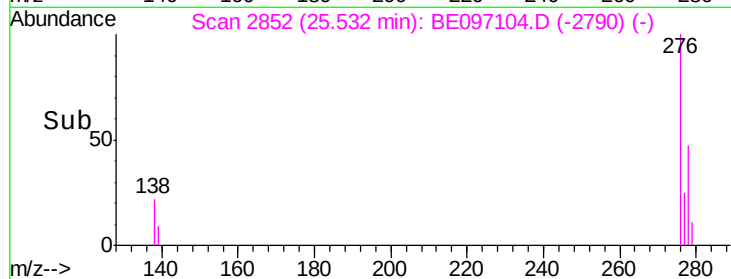
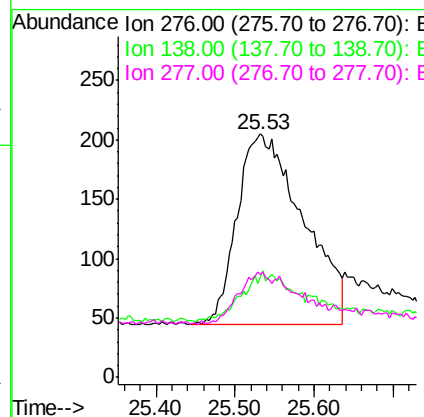
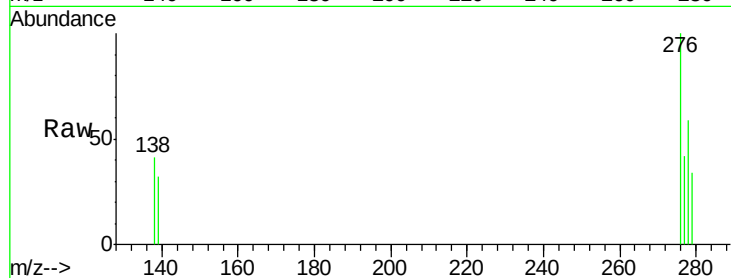
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.055 ng
 RT: 25.53 min Scan# 2852
 Delta R.T. 0.02 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Instrument :
 BNA_E
 ClientSampleId :
 MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	22.5	33.7#
277	12.5	19.9	29.9#

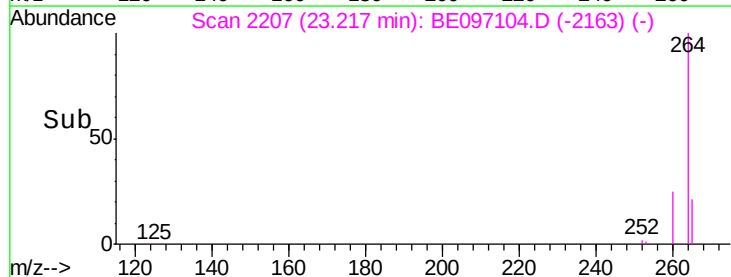
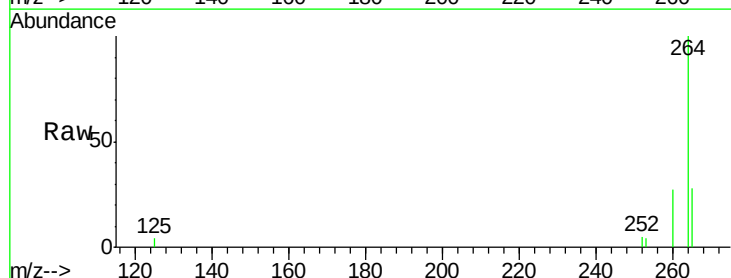
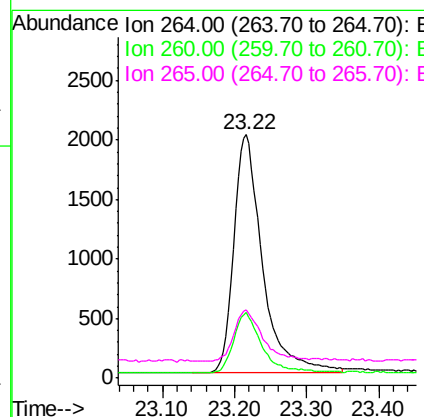
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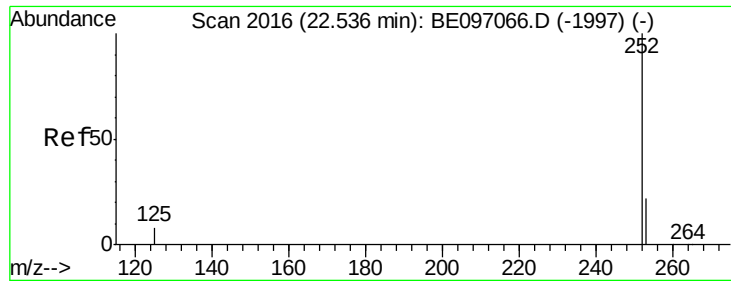
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BE097104.D
 Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.5	30.7
265	27.9	22.8	34.2





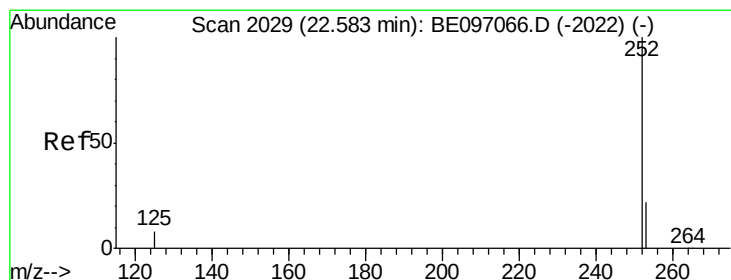
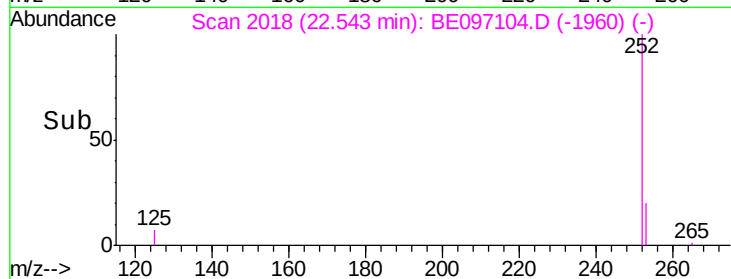
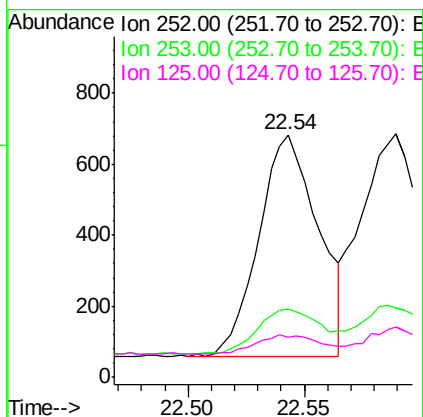
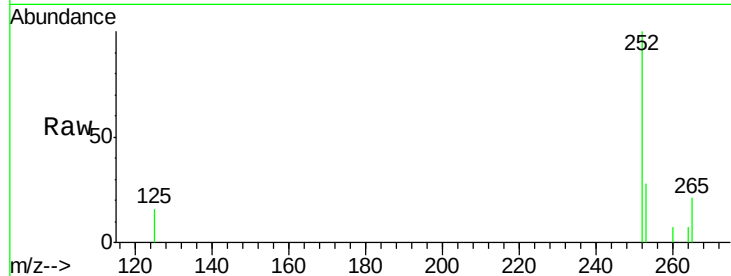
#35
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 22.54 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.0	30.0
125	16.2	16.0	24.0

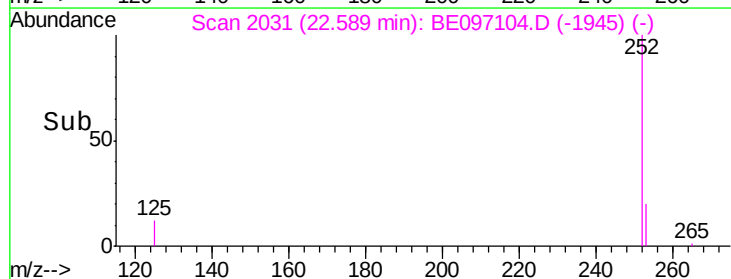
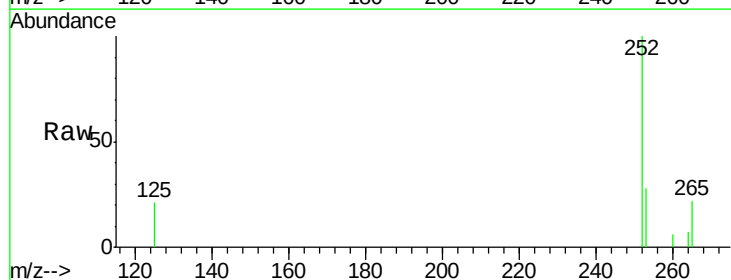
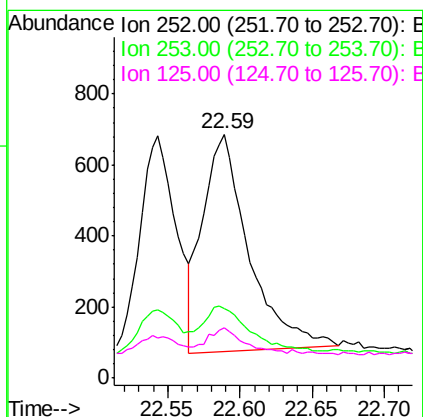
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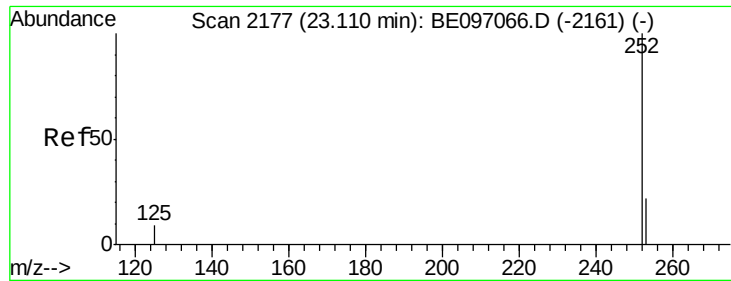
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#36
Benzo(k)fluoranthene
Concen: 0.085 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097104.D
Acq: 26 Jul 2018 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	16.0	24.0#
125	20.7	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.075 ng

RT: 23.12 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

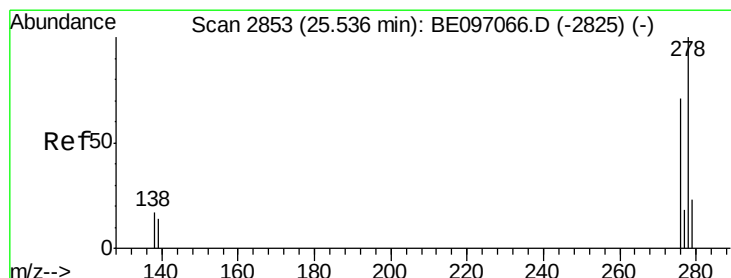
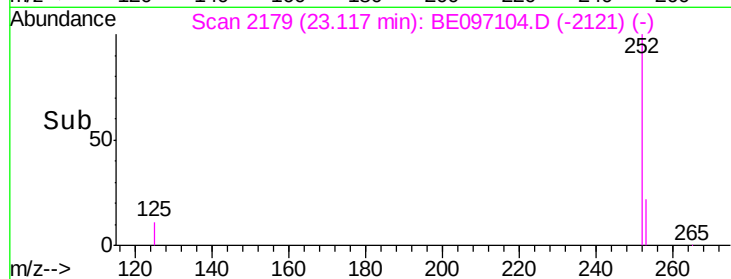
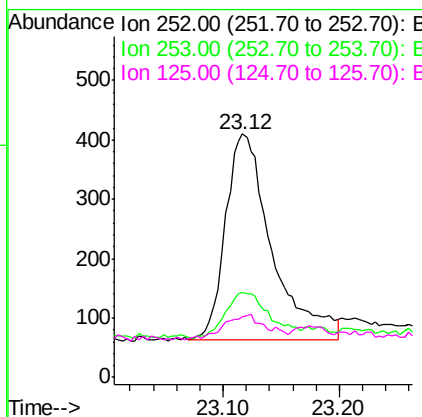
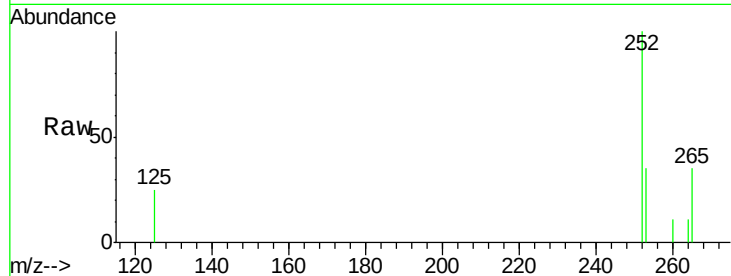
ClientSampleId :

MDL-SOIL-03-QT3-2018

Tgt Ion:	252	Resp:	964
Ion Ratio	Lower	Upper	
252	100		
253	35.1	16.0	24.0#
125	24.9	12.0	18.0#

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#38

Dibenzo(a,h)anthracene

Concen: 0.053 ng

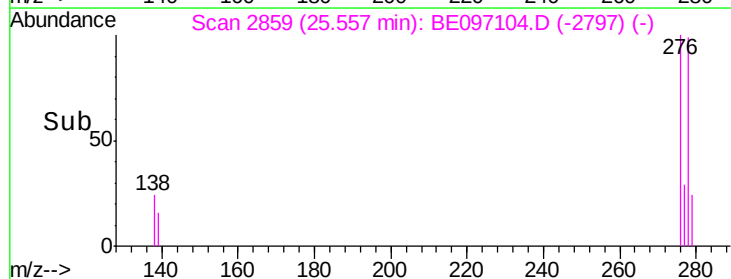
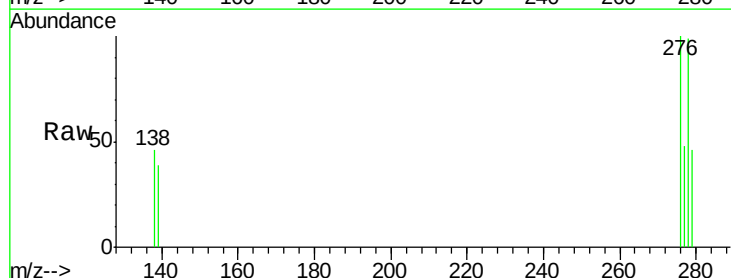
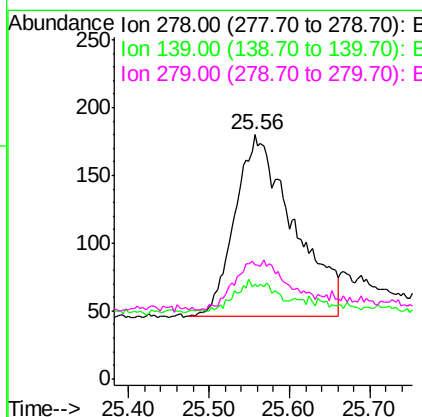
RT: 25.56 min Scan# 2859

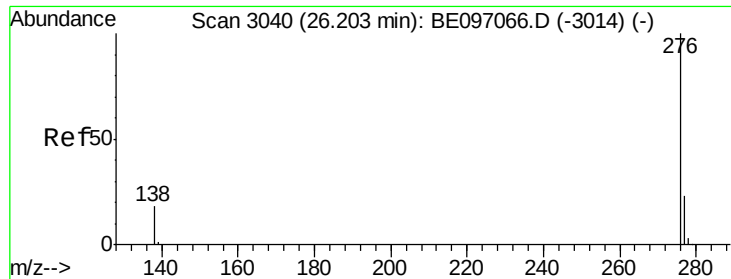
Delta R.T. 0.02 min

Lab File: BE097104.D

Acq: 26 Jul 2018 15:58

Tgt Ion:	278	Resp:	677
Ion Ratio	Lower	Upper	
278	100		
139	38.9	16.0	24.0#
279	46.7	20.0	30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.073 ng

RT: 26.23 min Scan# 3048

Delta R.T. 0.03 min

Lab File: BE097104.D

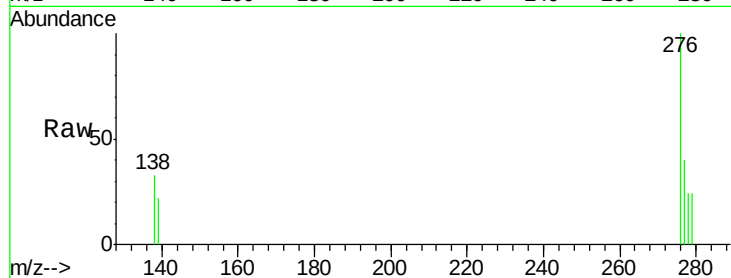
Acq: 26 Jul 2018 15:58

Instrument :

BNA_E

ClientSampleId :

MDL-SOIL-03-QT3-2018



Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.1	16.0	24.0#
138	33.2	20.0	30.0#

Manual Integrations
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