

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
 Data File : BE097102.D
 Acq On : 26 Jul 2018 13:58
 Operator : SJ/JU
 Sample : J3762-01
 Misc : LOD 0.1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2018

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:39:44 AM

Quant Time: Jul 27 04:07:13 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	1103	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5384	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3192	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	9221	0.40	ng	0.01
27) Chrysene-d12	20.98	240	6917	0.40	ng	0.00
34) Perylene-d12	23.22	264	5364	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	1022	0.33	ng	0.00
5) Phenol-d6	6.59	99	1377	0.30	ng	0.00
8) Nitrobenzene-d5	8.53	82	1685	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3050	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	262	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	4488	0.41	ng	0.00
25) Fluoranthene-d10	18.82	212	33502	0.36	ng	0.00
29) Terphenyl-d14	19.43	244	5341	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	200	0.114	ng	91
3) n-Nitrosodimethylamine	3.39	42	155	0.079	ng	# 93
6) bis(2-Chloroethyl)ether	6.84	93	795	0.191	ng	# 21
9) Naphthalene	10.20	128	4673	0.097	ng	# 97
10) Hexachlorobutadiene	10.48	225	217	0.100	ng	97
12) 2-Methylnaphthalene	11.81	142	760	0.092	ng	98
16) Acenaphthylene	13.74	152	1355	0.095	ng	98
17) Acenaphthene	14.08	154	782	0.094	ng	# 88
18) Fluorene	15.07	166	989	0.090	ng	# 81
20) 4-Bromophenyl-phenylether	15.98	248	399	0.089	ng	# 84
21) Hexachlorobenzene	16.08	284	469	0.098	ng	# 82
22) Pentachlorophenol	16.45	266	84	0.108	ng	97
23) Phenanthrene	16.81	178	1998	0.091	ng	99
24) Anthracene	16.90	178	1562	0.079	ng	# 94
26) Fluoranthene	18.84	202	2080	0.084	ng	99
28) Pyrene	19.21	202	1884	0.099	ng	99
30) Benzo(a)anthracene	20.97	228	1433m	0.083	ng	
31) Chrysene	21.02	228	1766	0.096	ng	95
32) Bis(2-ethylhexyl)phthalate	20.92	149	1446	0.072	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.54	276	1028	0.062	ng	# 70
35) Benzo(b)fluoranthene	22.54	252	1180	0.087	ng	# 92
36) Benzo(k)fluoranthene	22.59	252	1453	0.091	ng	# 76
37) Benzo(a)pyrene	23.12	252	1011	0.079	ng	# 73
38) Dibenzo(a,h)anthracene	25.56	278	658	0.051	ng	# 58
39) Benzo(g,h,i)perylene	26.23	276	878	0.065	ng	# 71

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

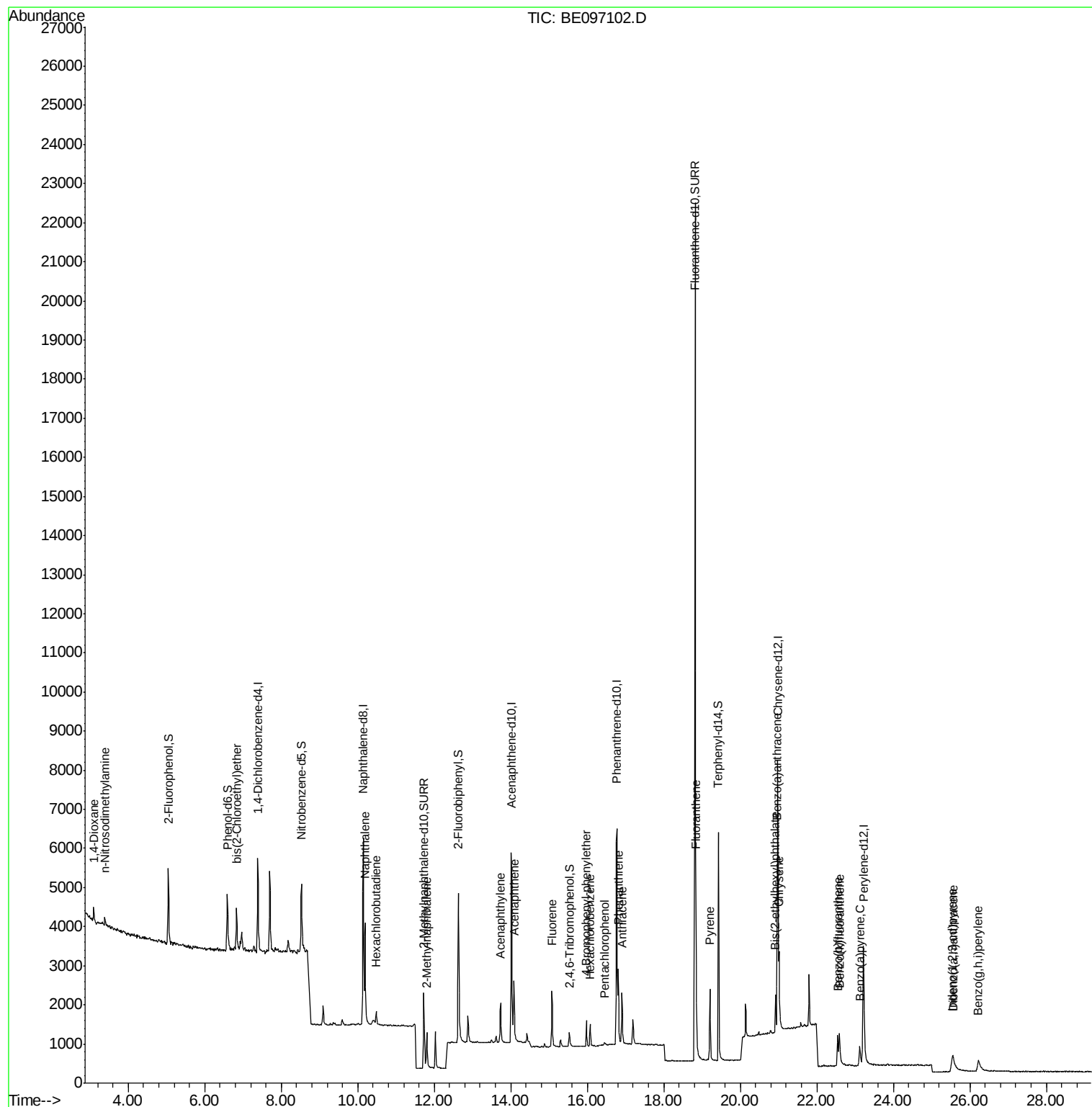
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072618\
Data File : BE097102.D
Acq On : 26 Jul 2018 13:58
Operator : SJ/JU
Sample : J3762-01
Misc : LOD 0.1PPM
ALS Vial : 4 Sample Multiplier: 1

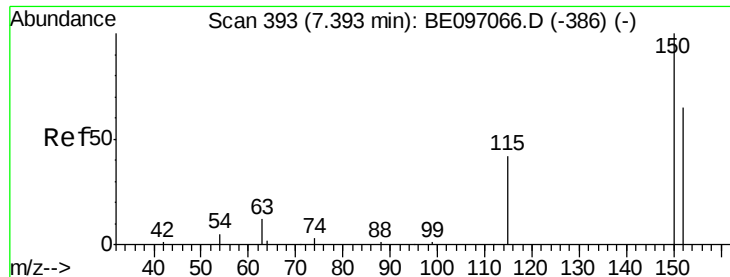
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

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7/27/2018 11:39:44 AM

Quant Time: Jul 27 04:07:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

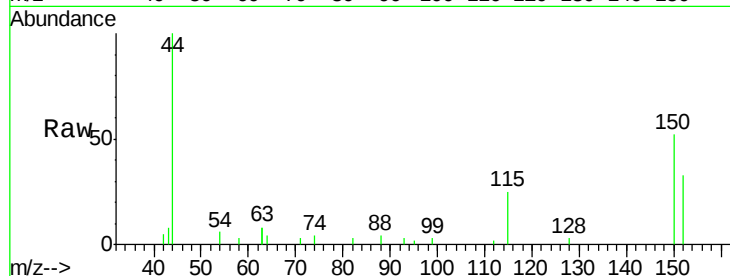
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

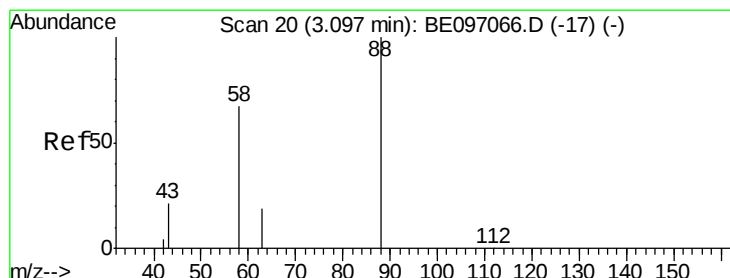
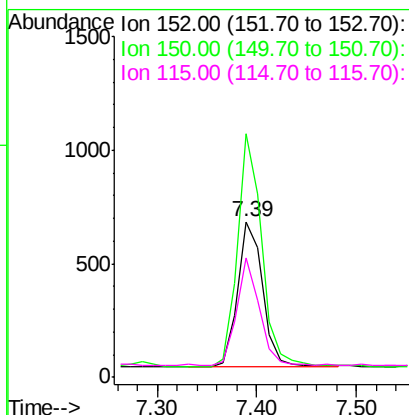
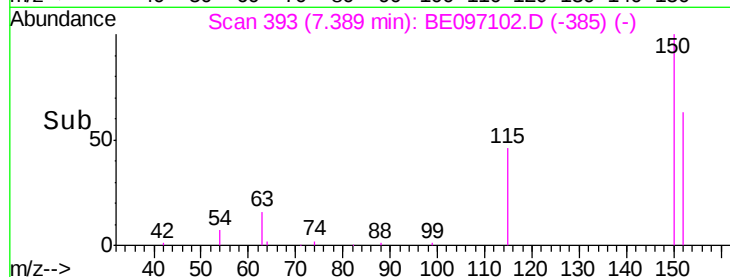
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	117.2	175.8
115	76.5	57.0	85.6

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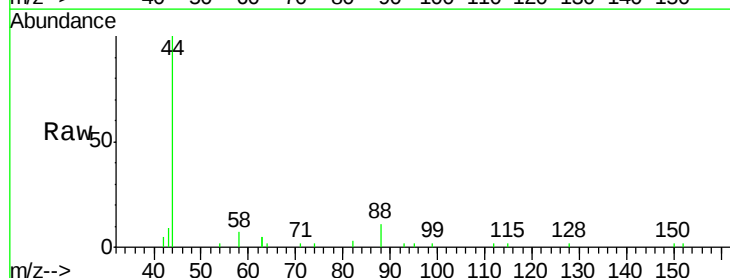
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



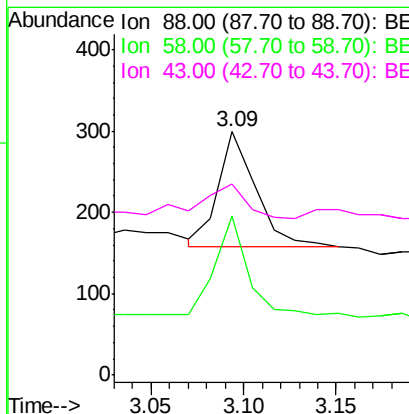
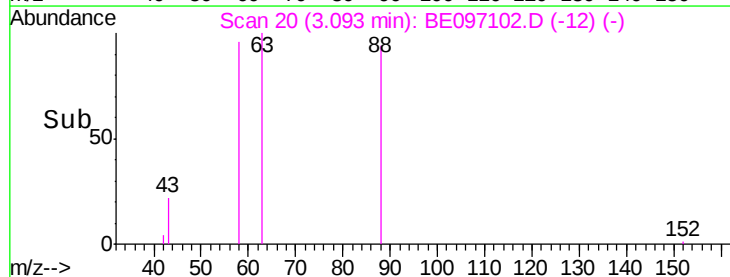
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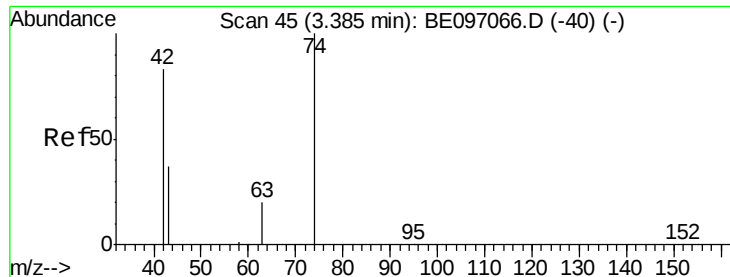
1,4-Dioxane
Concen: 0.114 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	63.2	94.8
43	43.5	41.2	61.8



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: 0.079 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

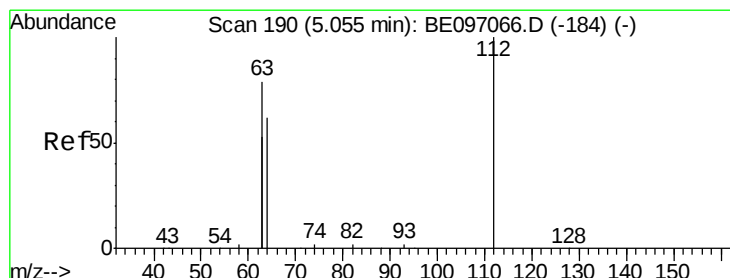
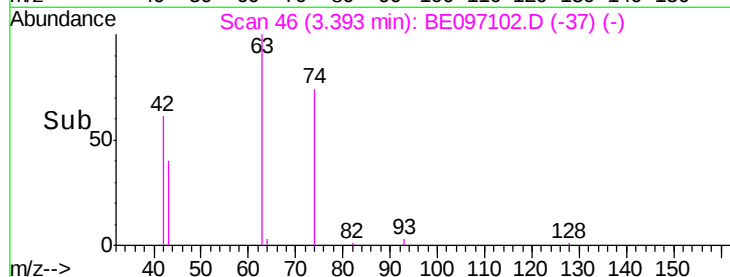
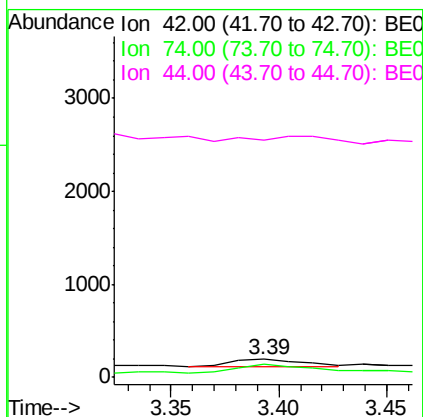
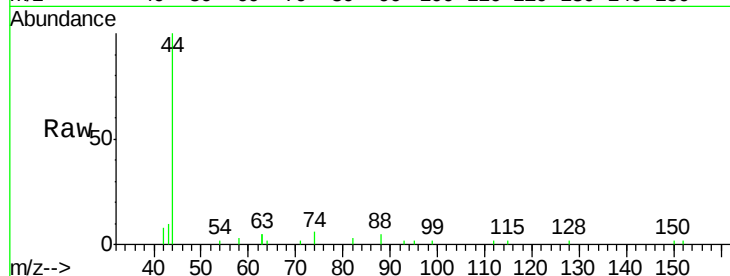
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

Tgt Ion:	42	Resp:	155
Ion Ratio	Lower	Upper	
42	100		
74	123.2	96.0	144.0
44	0.0	12.0	18.0#

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#4

2-Fluorophenol

Concen: 0.330 ng

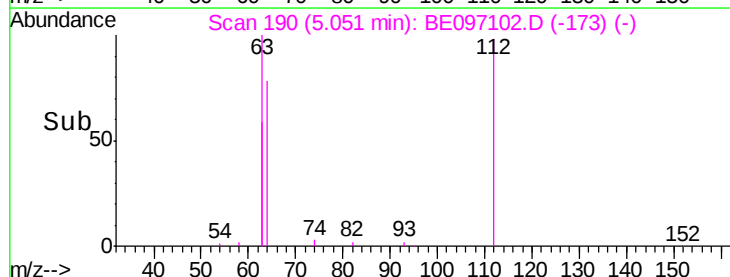
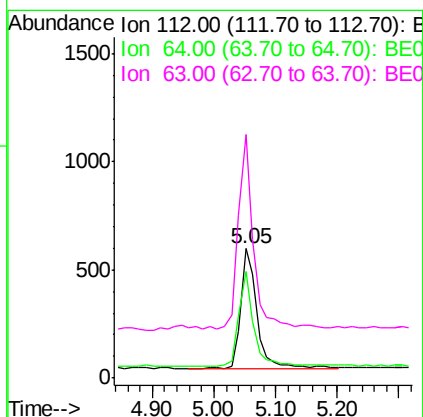
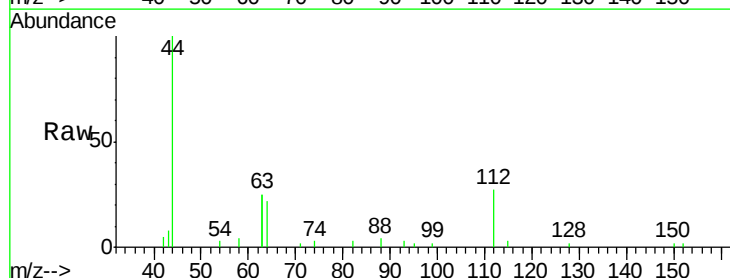
RT: 5.05 min Scan# 190

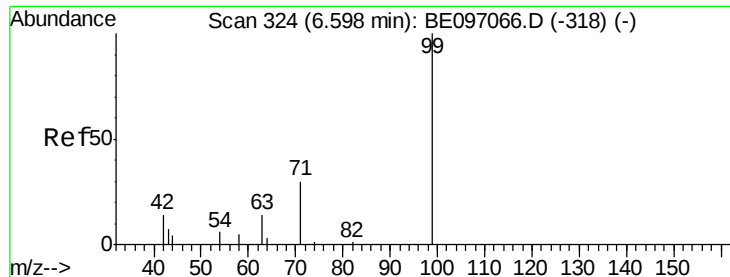
Delta R.T. -0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Tgt Ion:	112	Resp:	1022
Ion Ratio	Lower	Upper	
112	100		
64	71.9	60.1	90.1
63	155.3	116.8	175.2





#5

Phenol-d6

Concen: 0.303 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

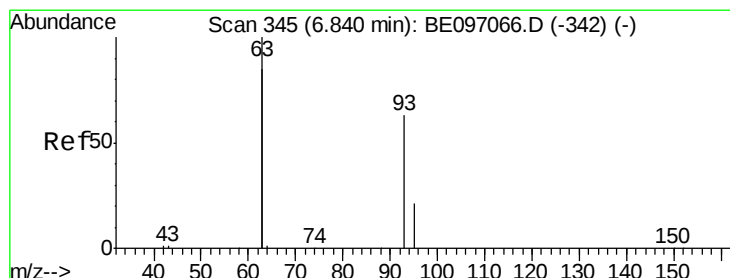
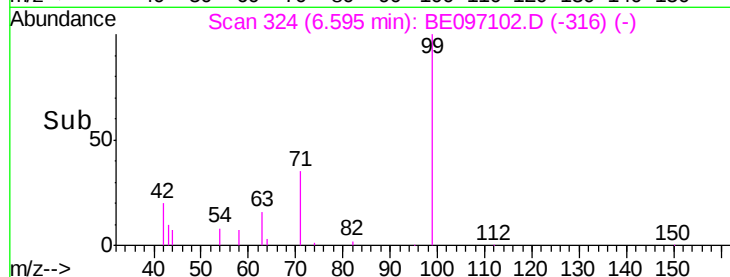
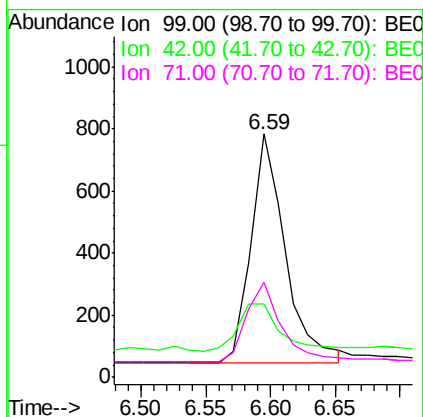
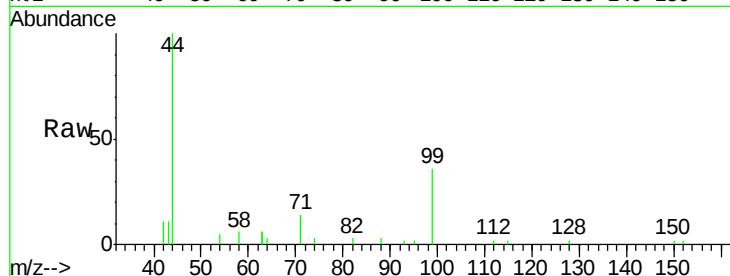
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

Tgt Ion:	99	Resp:	1377
Ion	Ratio	Lower	Upper
99	100		
42	25.3	20.2	30.2
71	35.4	28.4	42.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.191 ng

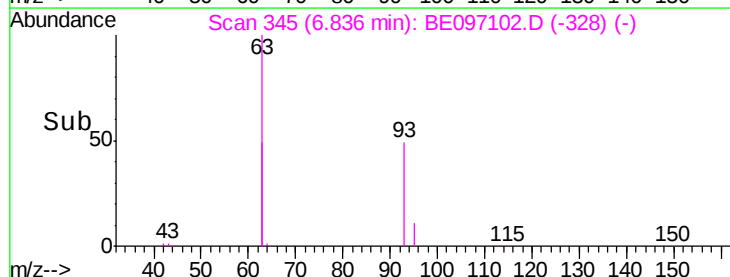
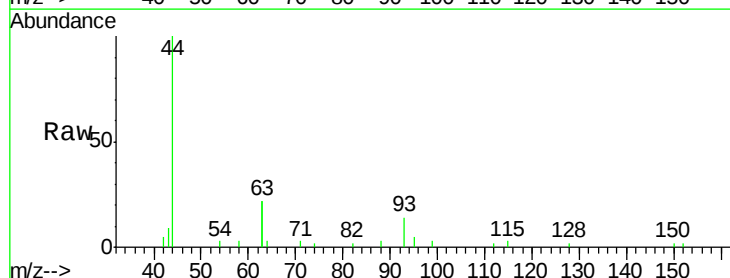
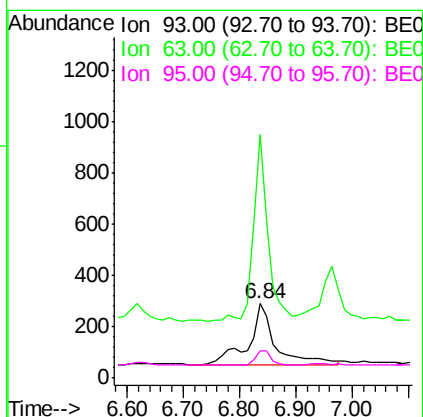
RT: 6.84 min Scan# 345

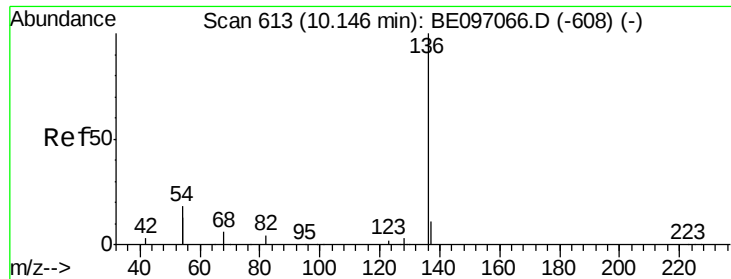
Delta R.T. -0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Tgt Ion:	93	Resp:	795
Ion	Ratio	Lower	Upper
93	100		
63	164.2	275.3	412.9#
95	14.7	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: BE097102.D

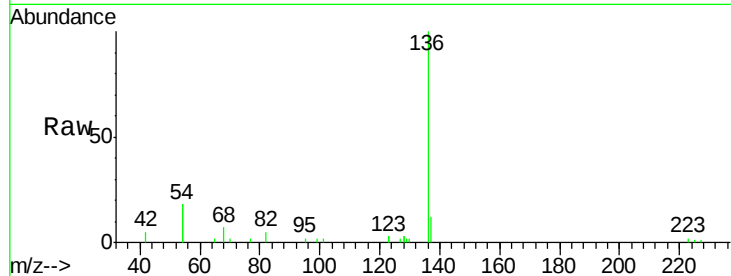
Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

ClientSampleId :

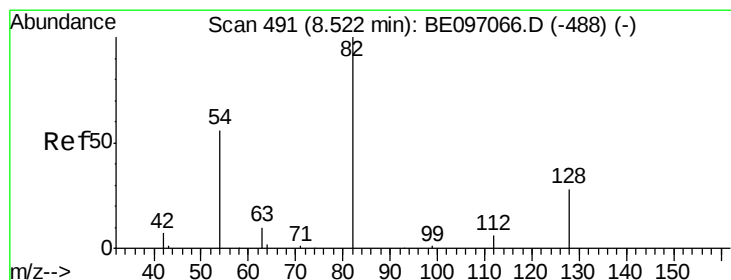
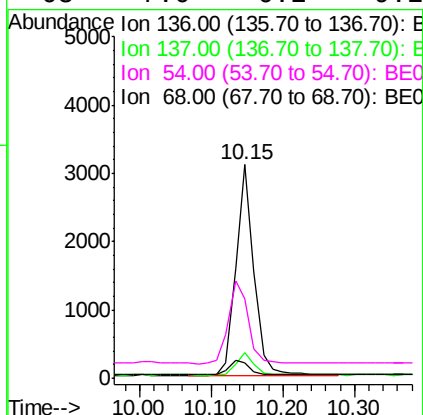
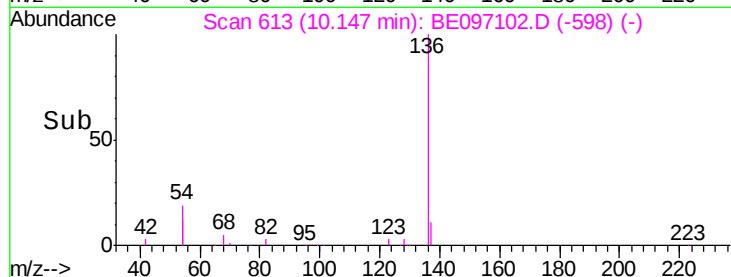
LOD-MDL-SOIL-01-QT3-2018



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	36.9	29.1	43.7
68	7.0	6.2	9.2

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#8

Nitrobenzene-d5

Concen: 0.360 ng

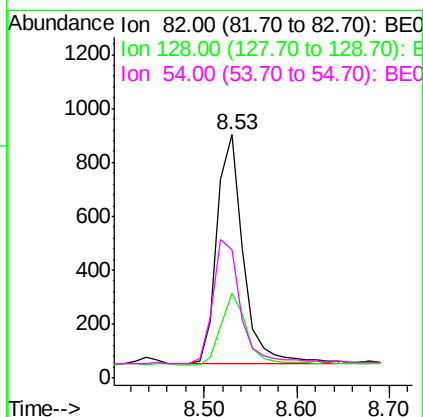
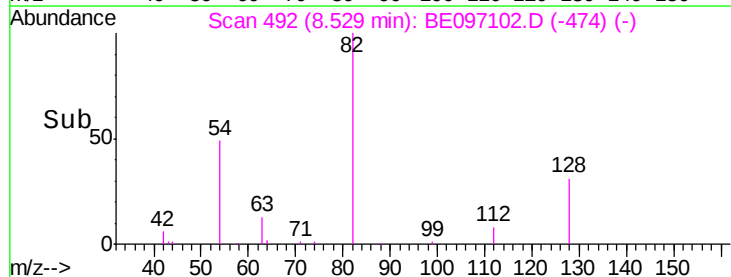
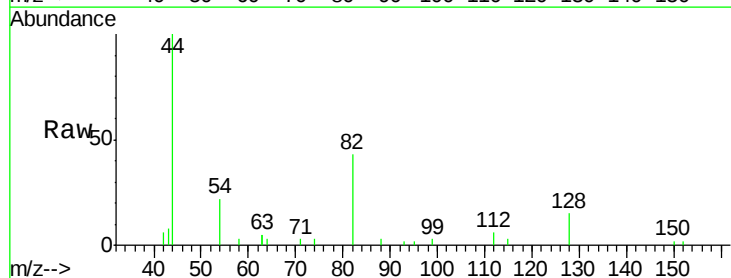
RT: 8.53 min Scan# 492

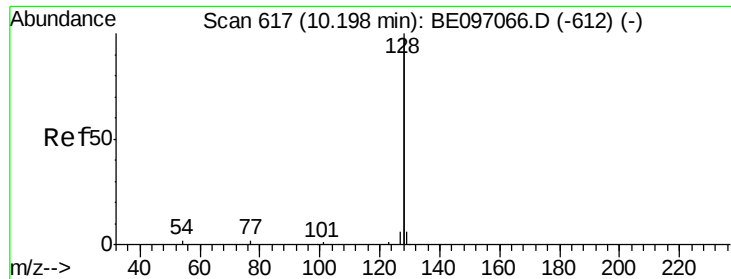
Delta R.T. 0.01 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.1	24.0	36.0
54	52.7	40.0	60.0





#9

Naphthalene

Concen: 0.097 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

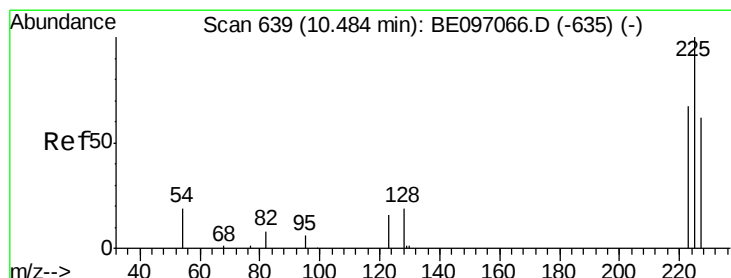
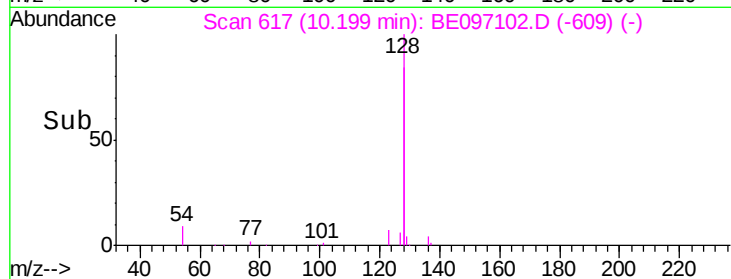
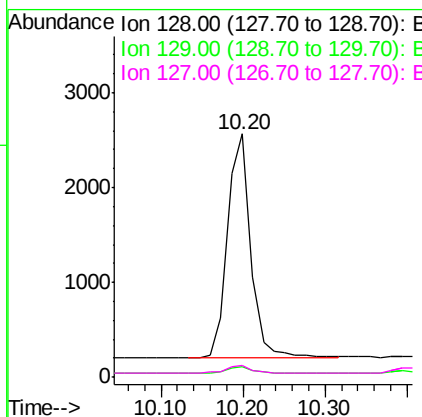
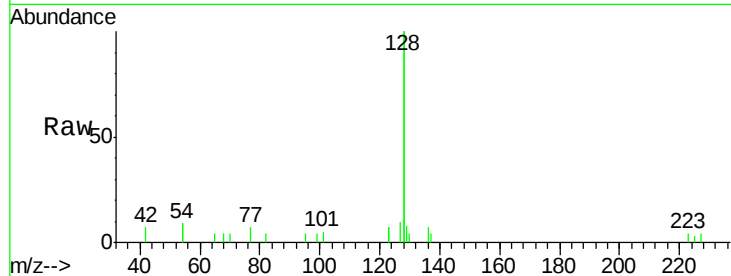
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

Tgt Ion:	128	Resp:	4673
Ion Ratio	Lower	Upper	
128	100		
129	4.2	2.6	3.8#
127	4.8	2.8	4.2#

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#10

Hexachlorobutadiene

Concen: 0.100 ng

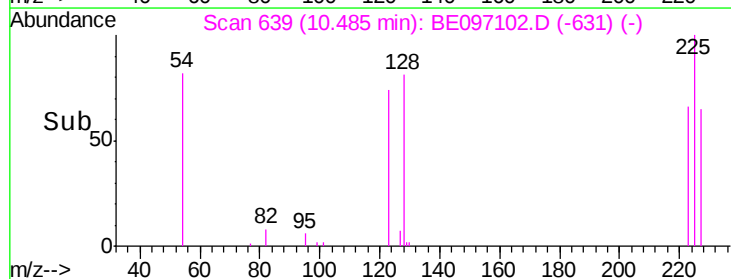
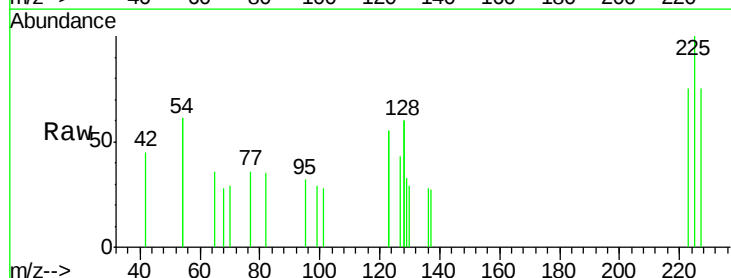
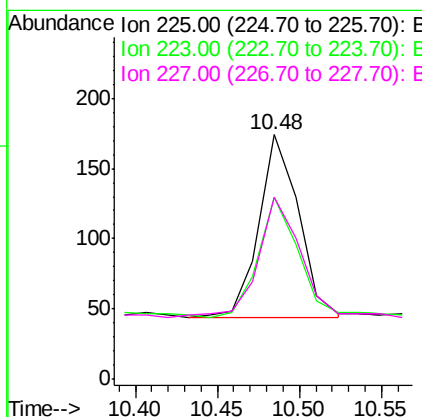
RT: 10.48 min Scan# 639

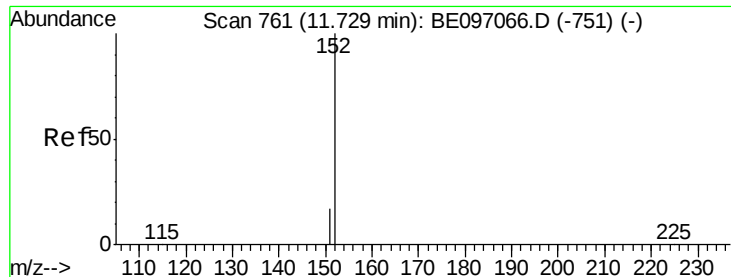
Delta R.T. 0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Tgt Ion:	225	Resp:	217
Ion Ratio	Lower	Upper	
225	100		
223	65.9	53.0	79.6
227	68.7	51.4	77.2





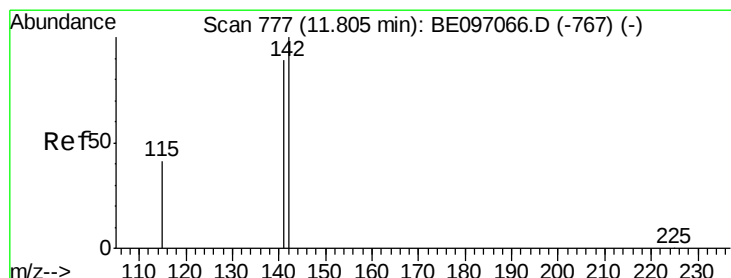
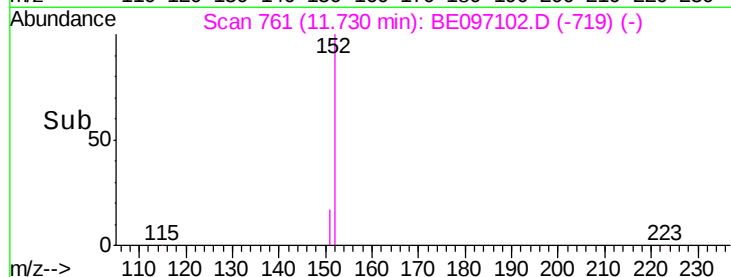
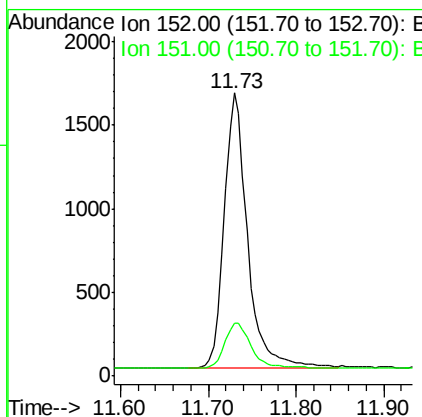
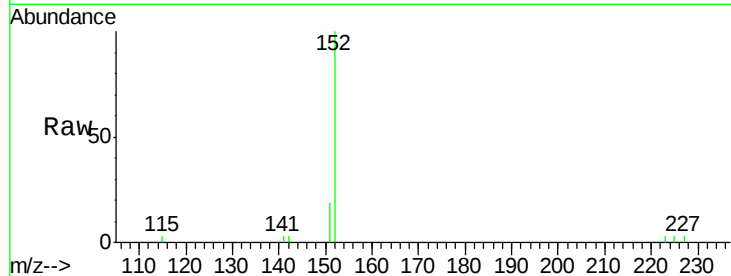
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

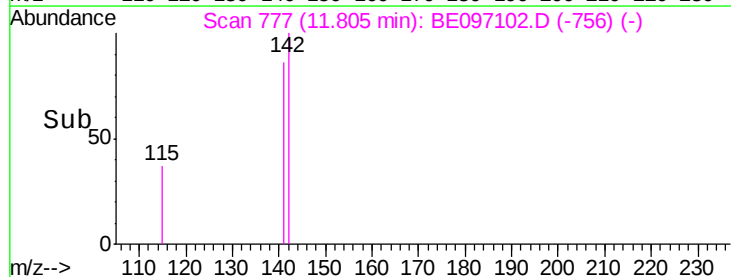
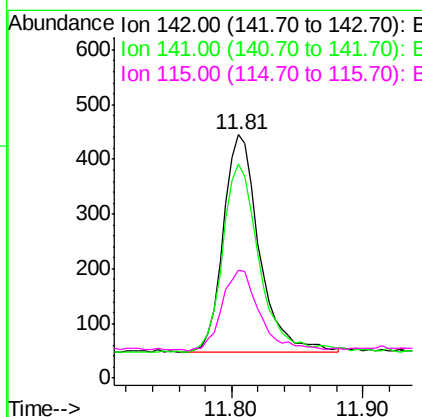
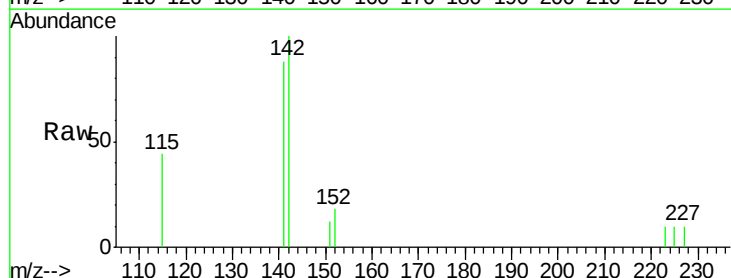
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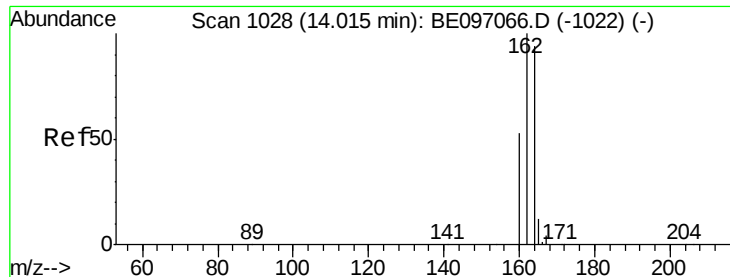
Sohil
7/27/2018 11:39:44 AM



#12
2-Methylnaphthalene
Concen: 0.092 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	44.3	31.7	47.5





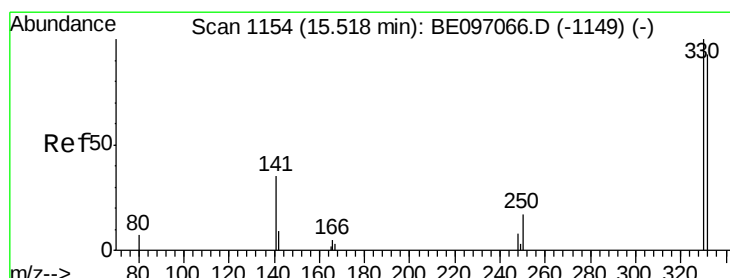
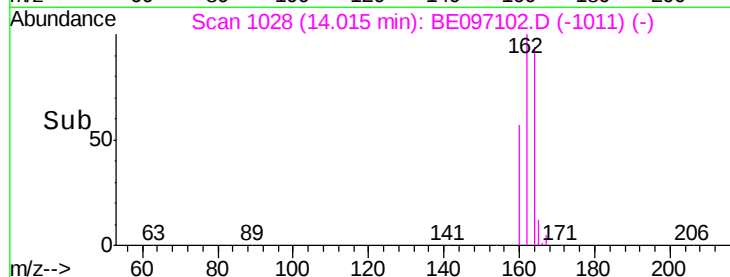
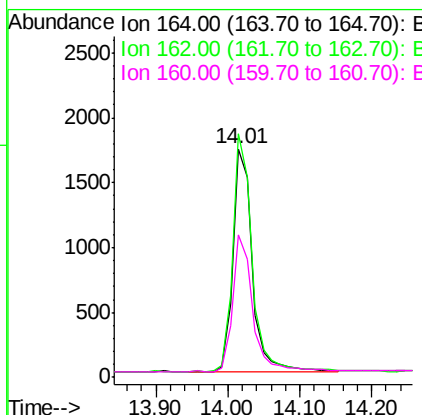
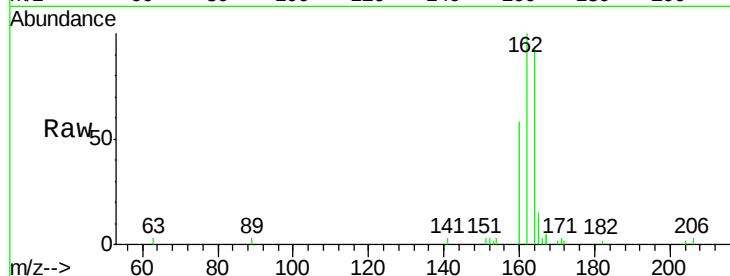
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.1	124.7
160	62.3	37.1	55.7

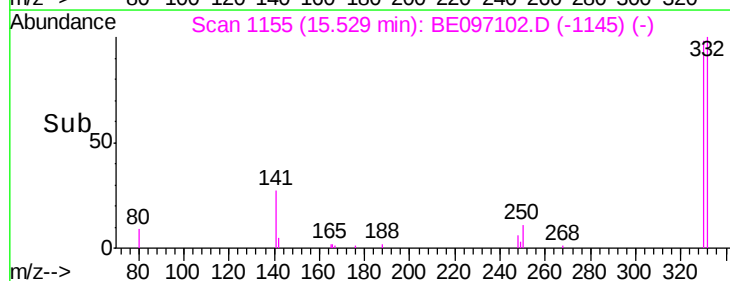
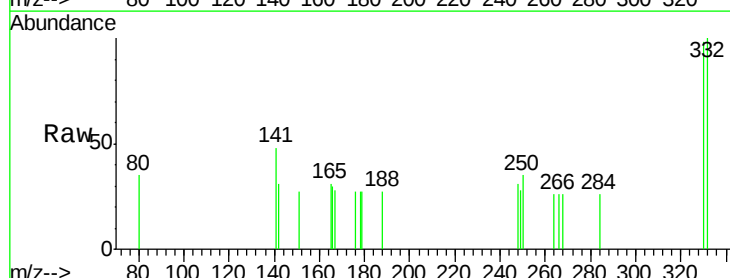
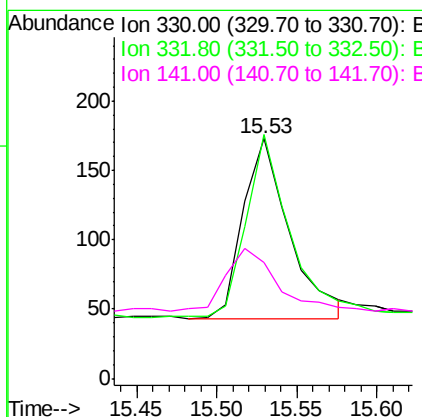
Manual Integrations
APPROVED

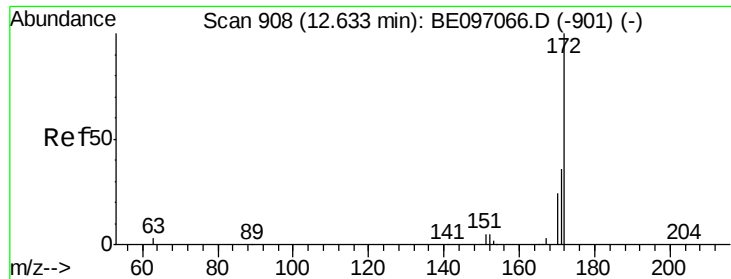
Sohil
7/27/2018 11:39:44 AM



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	152.7	229.1
141	36.3	33.7	50.5





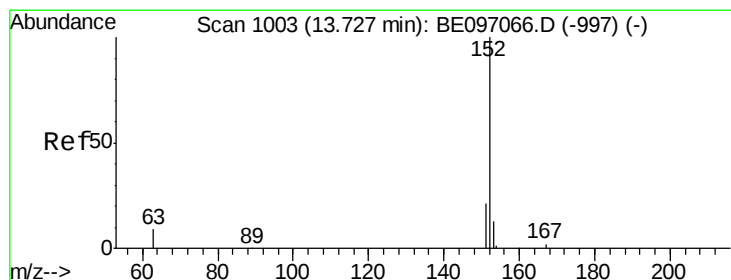
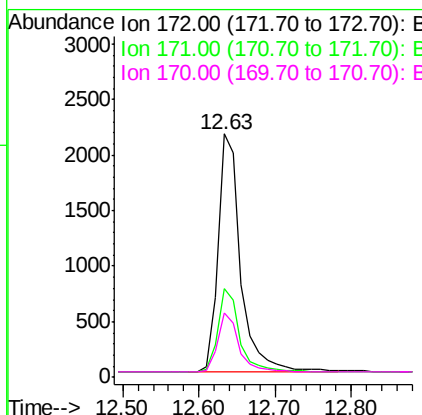
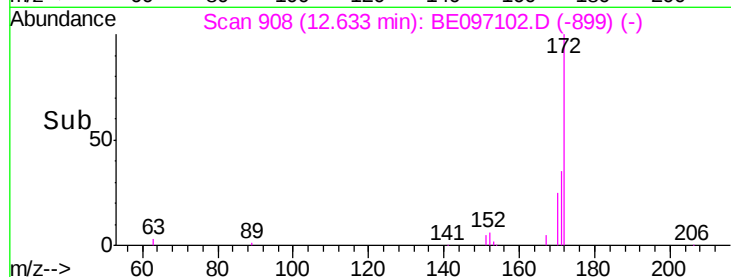
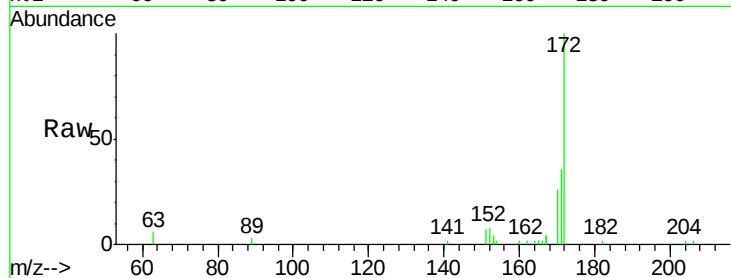
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	26.3	21.8	32.8

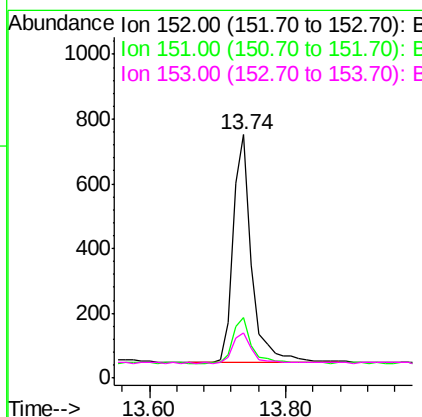
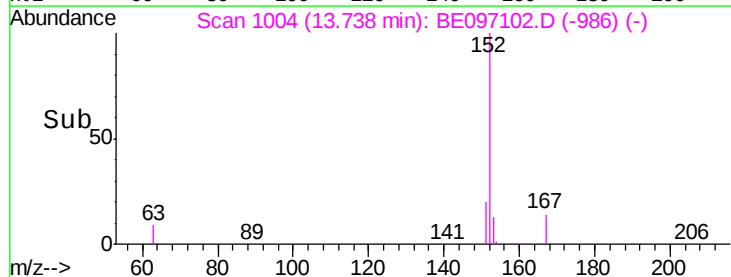
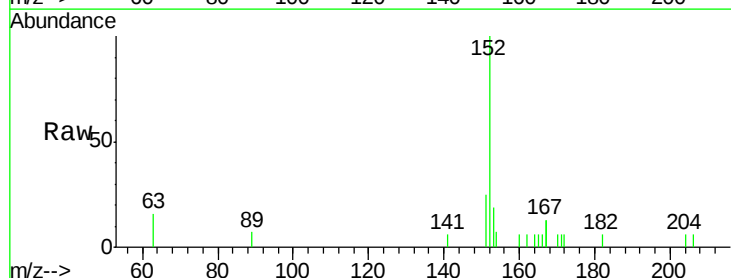
Manual Integrations
APPROVED

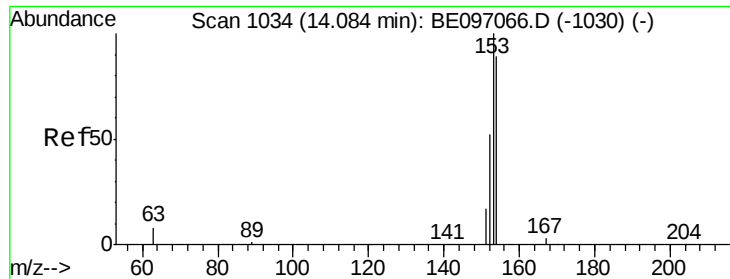
Sohil
7/27/2018 11:39:44 AM



#16
Acenaphthylene
Concen: 0.095 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.7	23.5
153	14.0	10.5	15.7





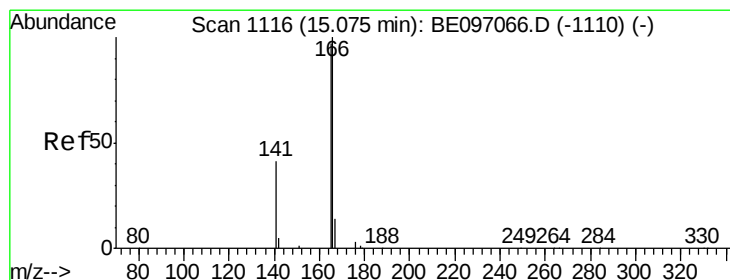
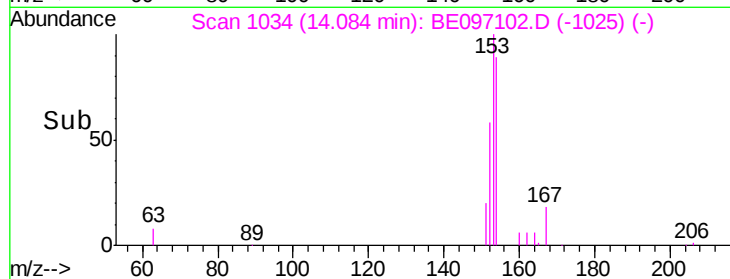
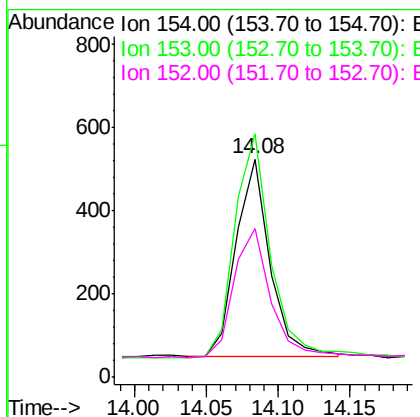
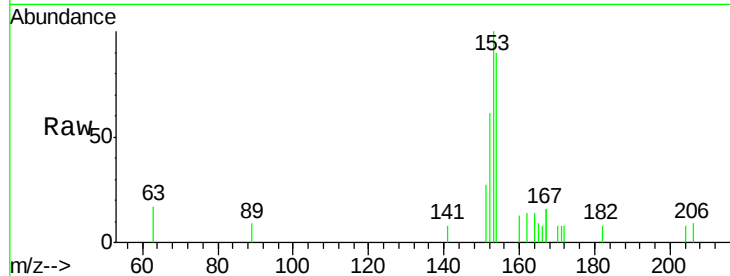
#17
Acenaphthene
Concen: 0.094 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.5	89.2	133.8
152	70.1	42.0	63.0

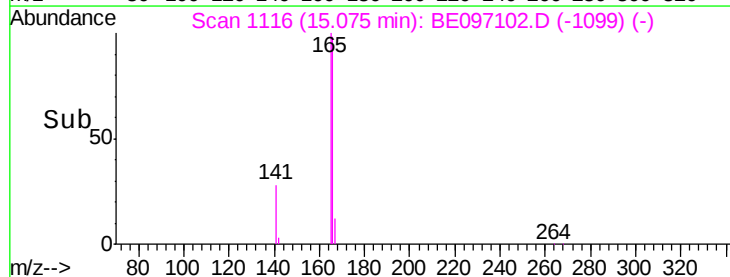
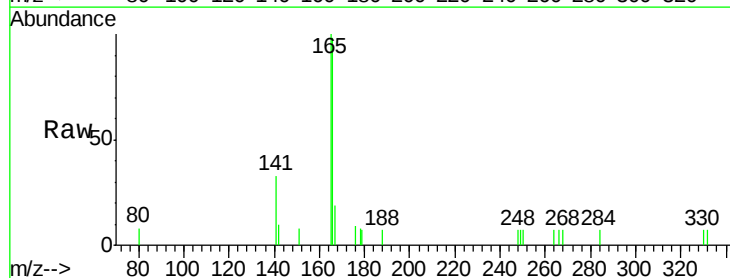
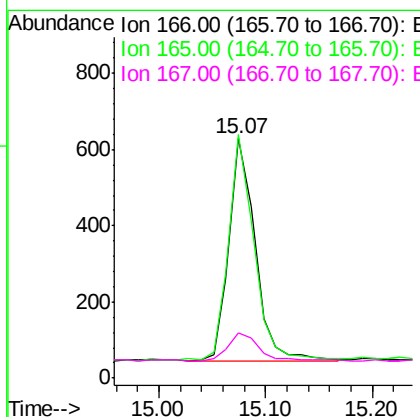
Manual Integrations
APPROVED

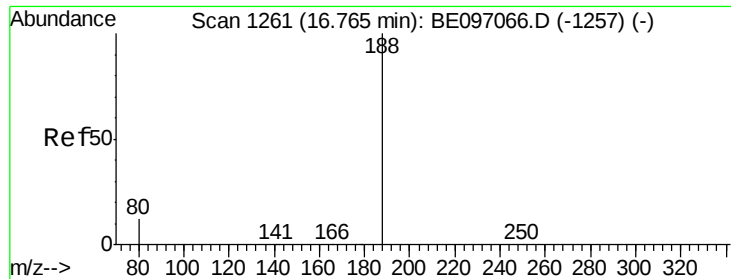
Sohil
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#18
Fluorene
Concen: 0.090 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	15.2	42.4	63.6





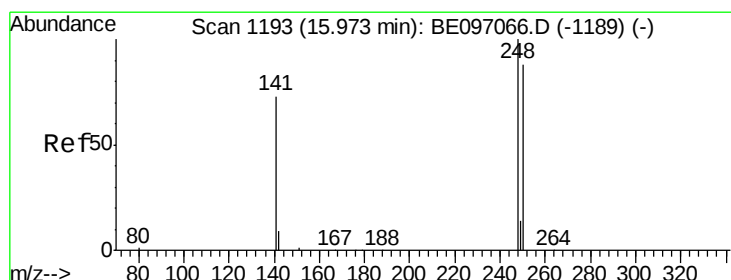
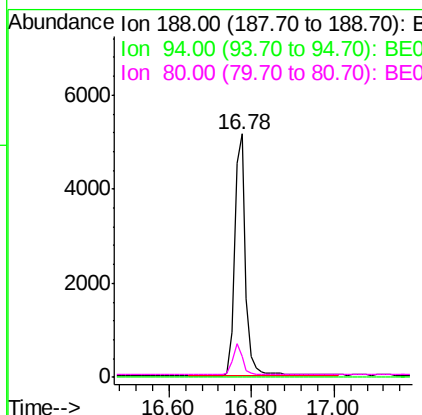
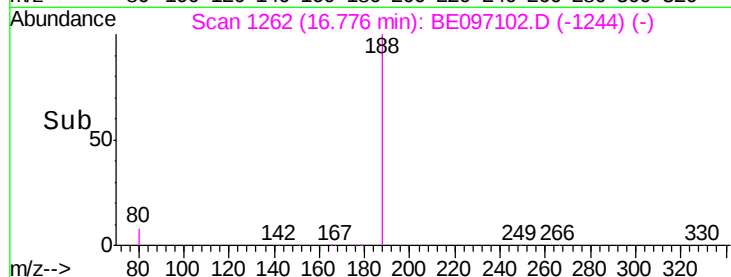
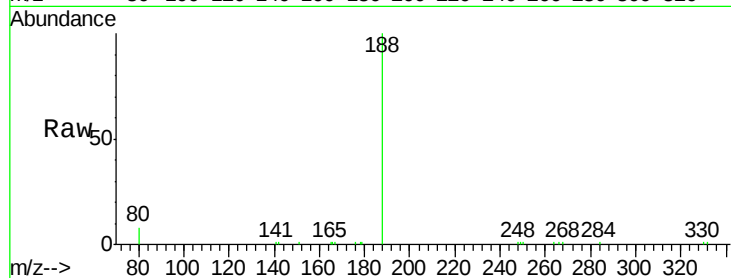
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	9221		
94	0.0	3.9	5.9#	
80	8.5	3.6	5.4#	

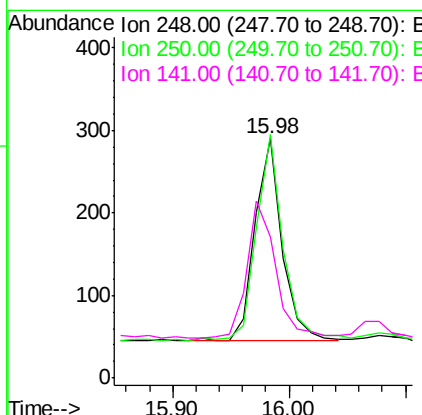
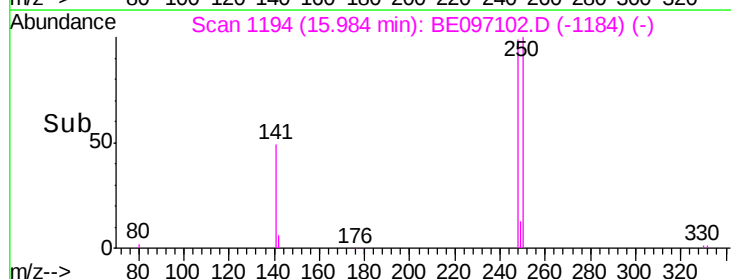
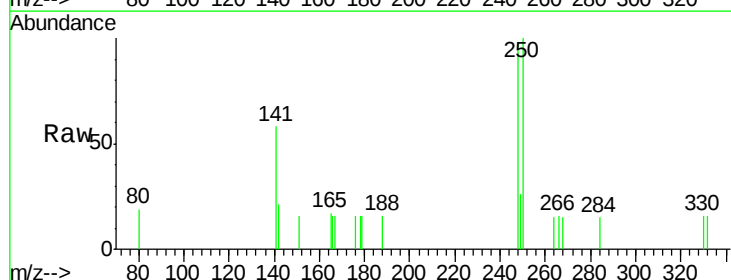
Manual Integrations
APPROVED

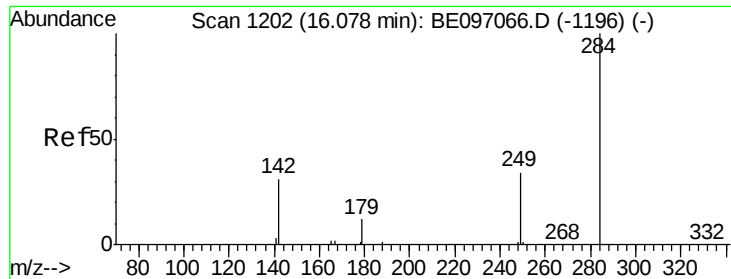
Sohil
7/27/2018 11:39:44 AM



#20
4-Bromophenyl-phenylether
Concen: 0.089 ng
RT: 15.98 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	399		
250	101.7	62.7	94.1#	
141	59.0	48.2	72.2	





#21

Hexachlorobenzene

Concen: 0.098 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

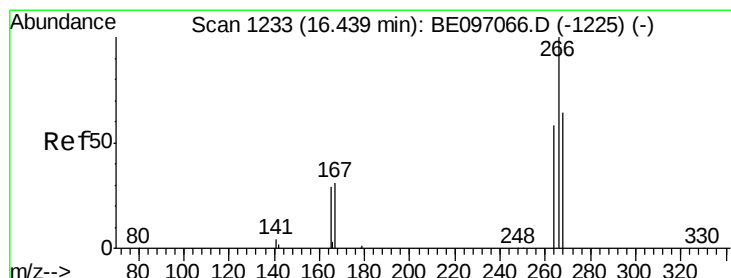
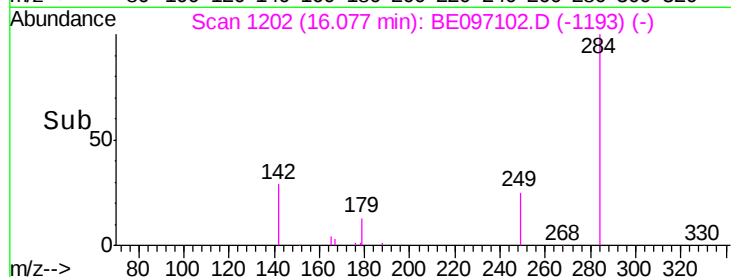
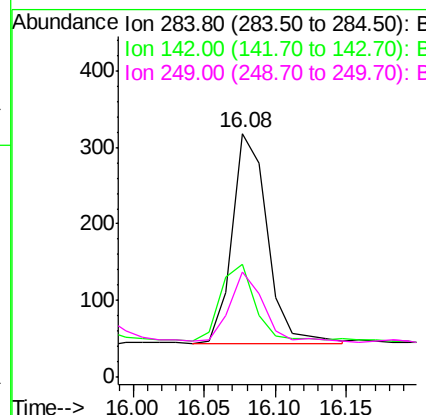
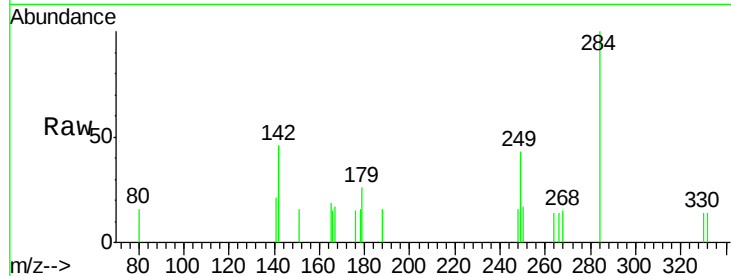
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

Tgt Ion:	284	Resp:	469
Ion Ratio	Lower	Upper	
284	100		
142	35.0	22.1	33.1#
249	30.5	34.8	52.2#

Manual Integrations
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#22

Pentachlorophenol

Concen: 0.108 ng

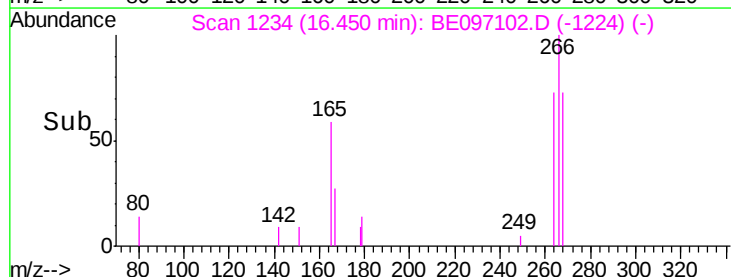
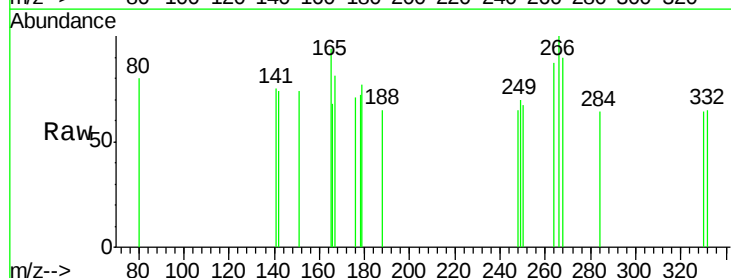
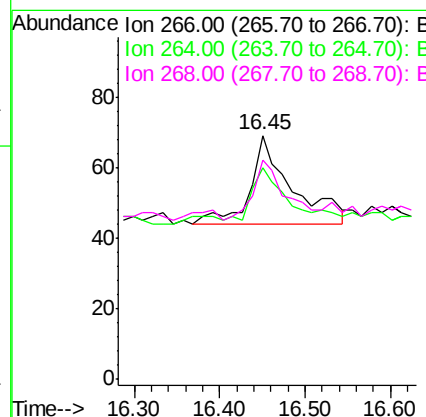
RT: 16.45 min Scan# 1234

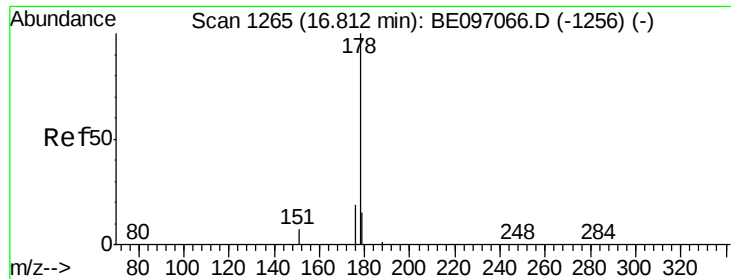
Delta R.T. 0.01 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Tgt Ion:	266	Resp:	84
Ion Ratio	Lower	Upper	
266	100		
264	87.0	72.5	108.7
268	89.9	73.8	110.6





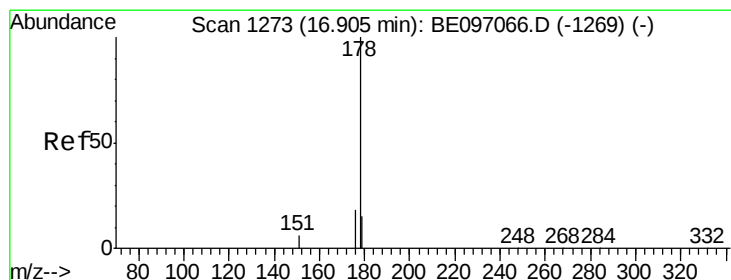
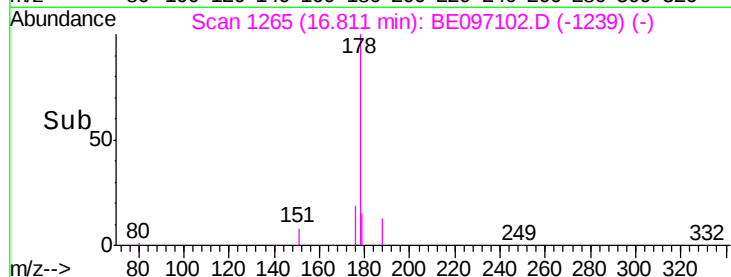
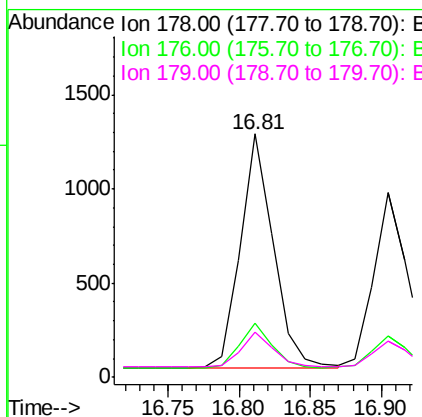
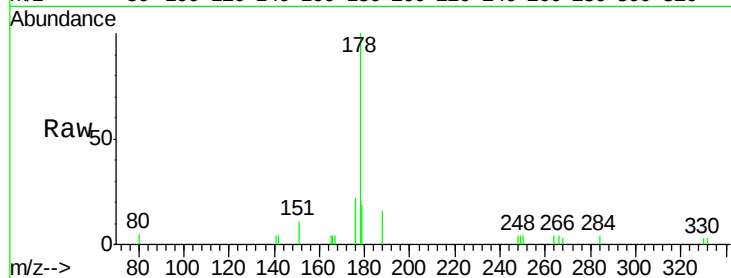
#23
Phenanthrene
Concen: 0.091 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	11.8	17.6

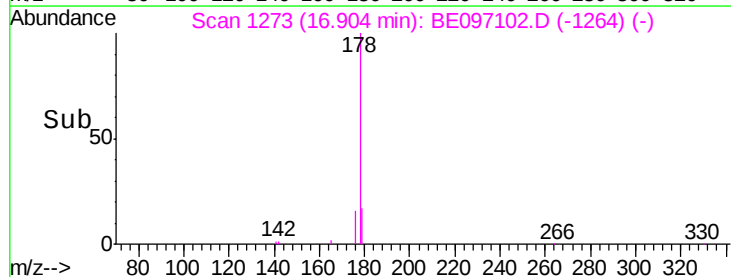
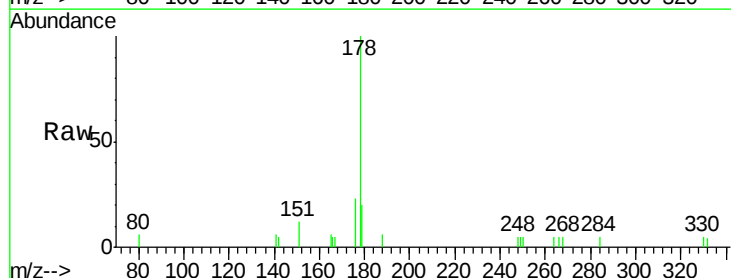
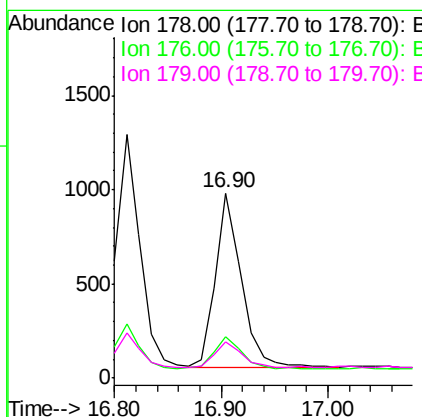
Manual Integrations
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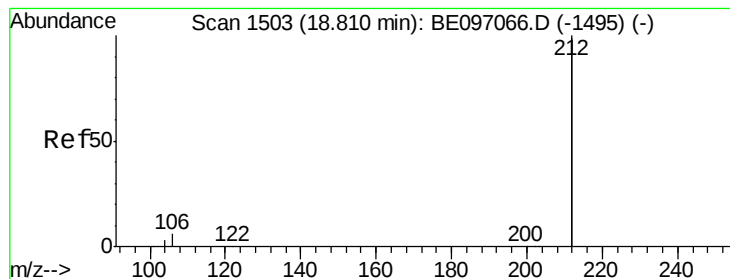
Sohil
7/27/2018 11:39:44 AM



#24
Anthracene
Concen: 0.079 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	12.8	19.2#
179	15.4	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

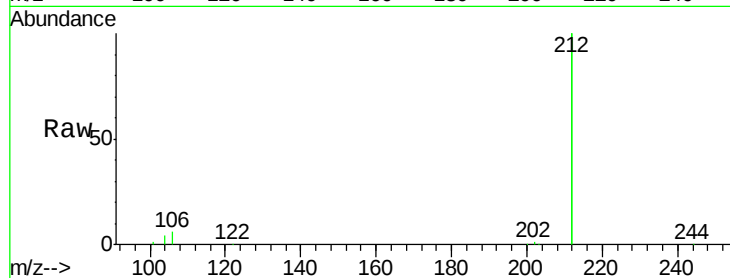
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

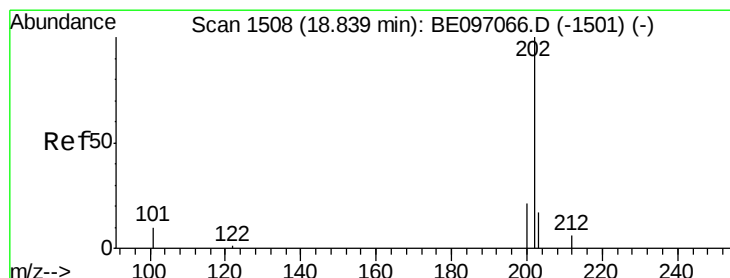
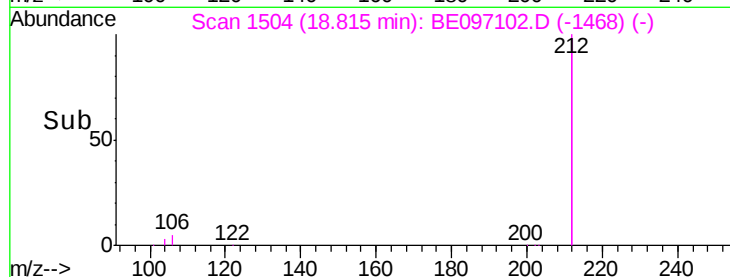
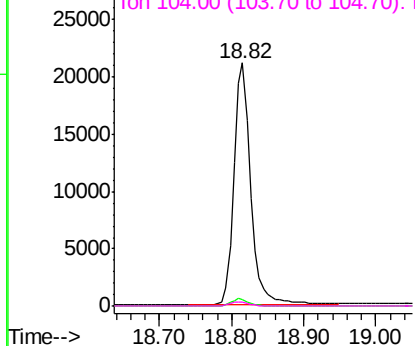
Tgt Ion:	212	Resp:	33502
Ion Ratio	Lower	Upper	
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

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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: 0.084 ng

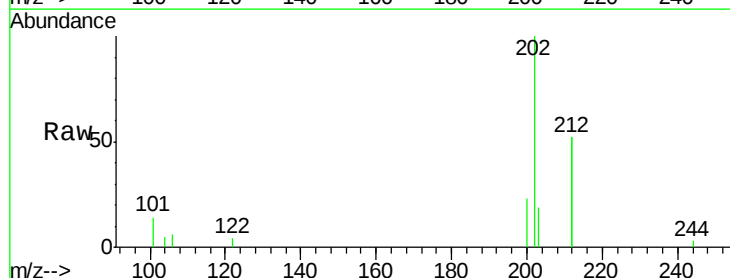
RT: 18.84 min Scan# 1509

Delta R.T. 0.01 min

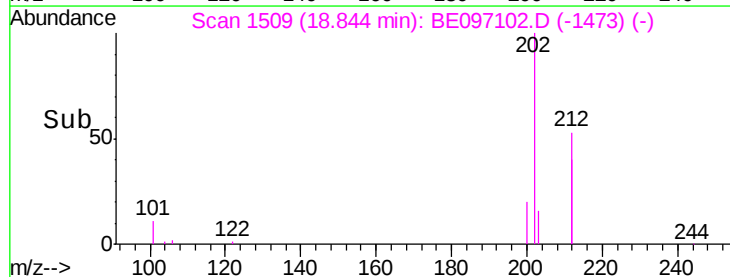
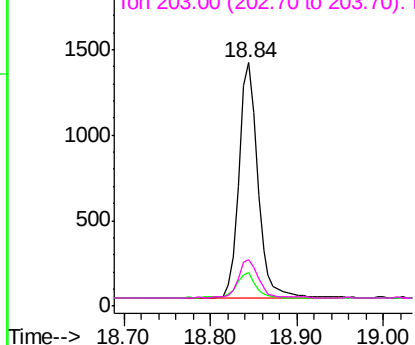
Lab File: BE097102.D

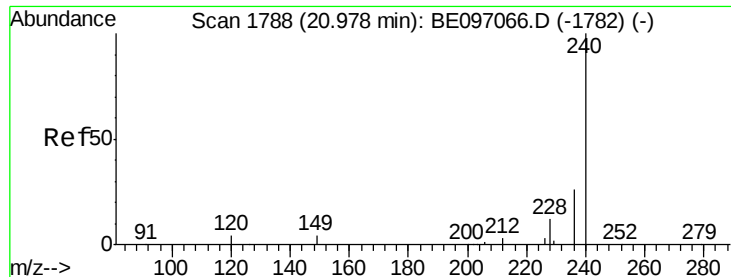
Acq: 26 Jul 2018 13:58

Tgt Ion:	202	Resp:	2080
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.8	14.8
203	17.5	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: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

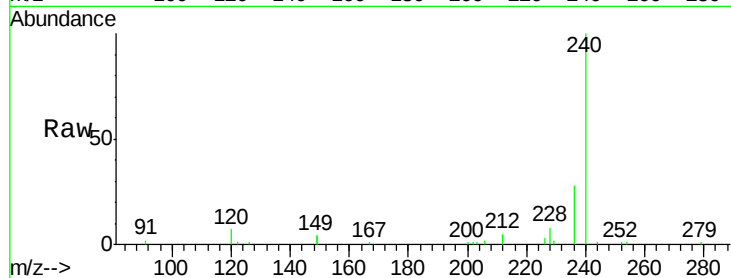
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

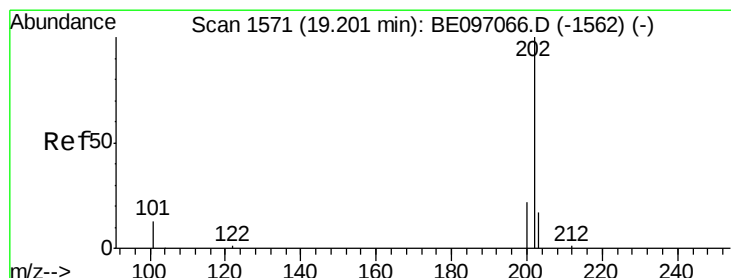
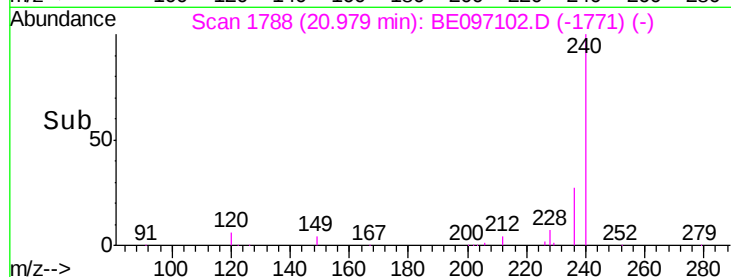
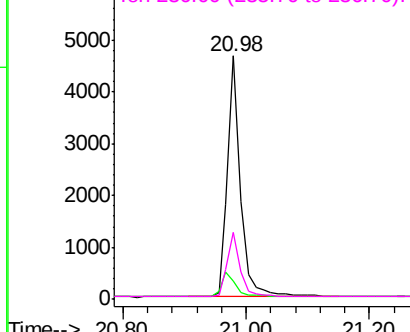
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.5	8.3
236	27.7	20.7	31.1

Manual Integrations
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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: 0.099 ng

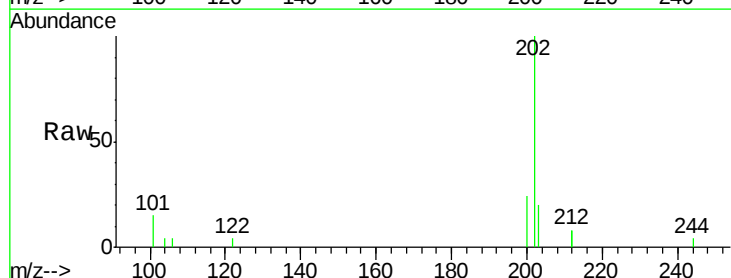
RT: 19.21 min Scan# 1572

Delta R.T. 0.01 min

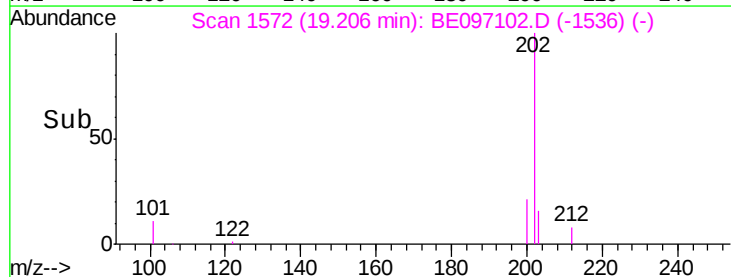
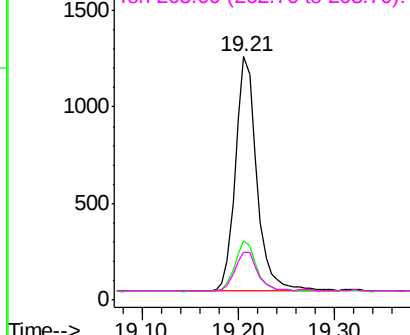
Lab File: BE097102.D

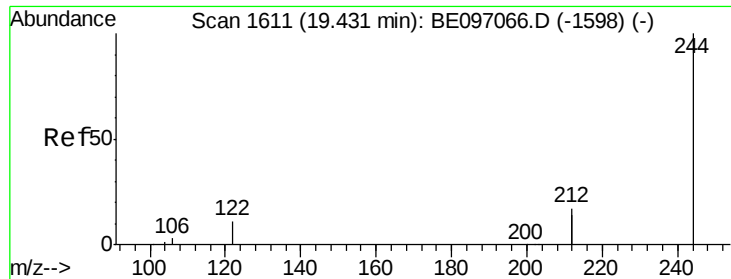
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.0	13.8	20.8



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





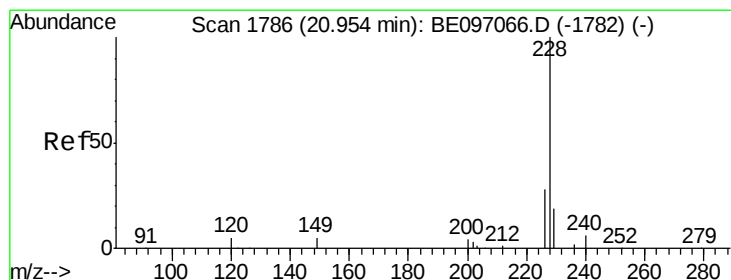
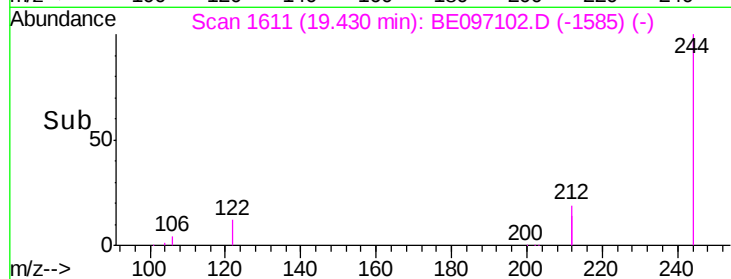
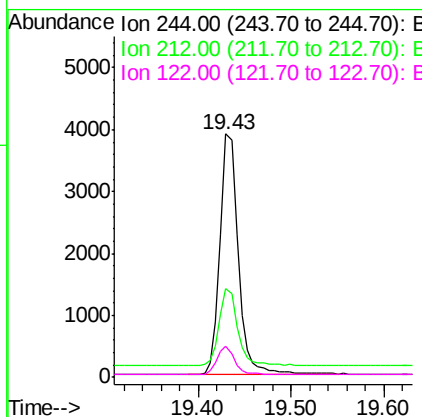
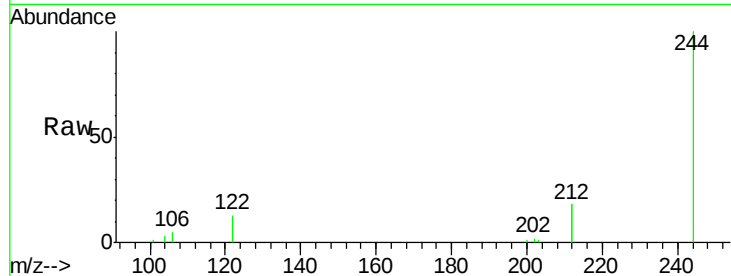
#29
 Terphenyl-d14
 Concen: 0.402 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097102.D
 Acq: 26 Jul 2018 13:58

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
244	100		
212	36.7	25.4	38.0
122	12.9	8.1	12.1

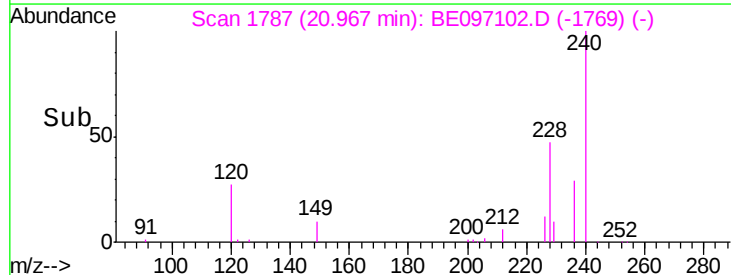
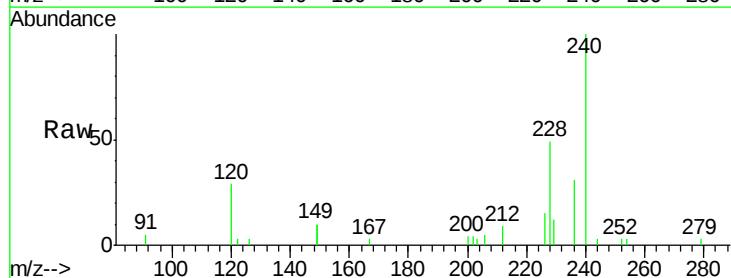
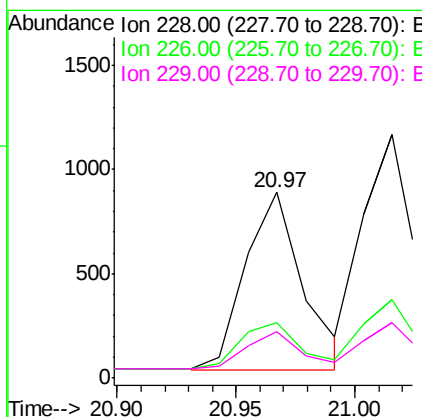
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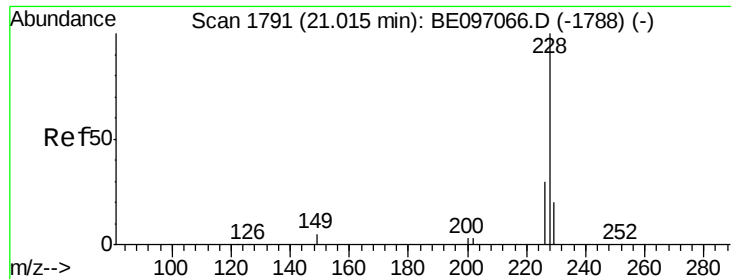
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 7/27/2018 11:39:44 AM



#30
 Benzo(a)anthracene
 Concen: 0.083 ng m
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BE097102.D
 Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	24.7	16.0	24.0





#31

Chrysene

Concen: 0.096 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

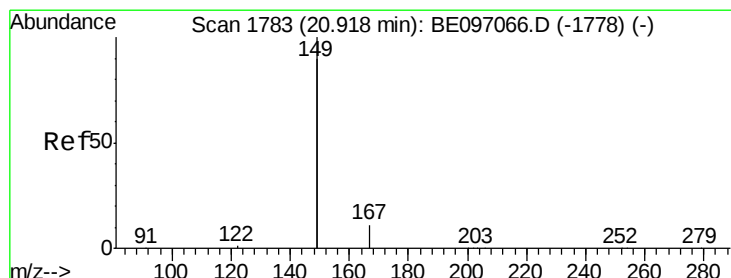
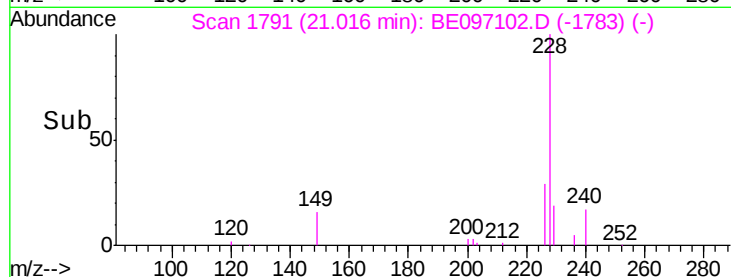
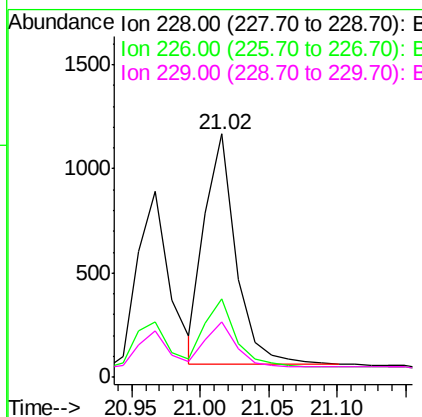
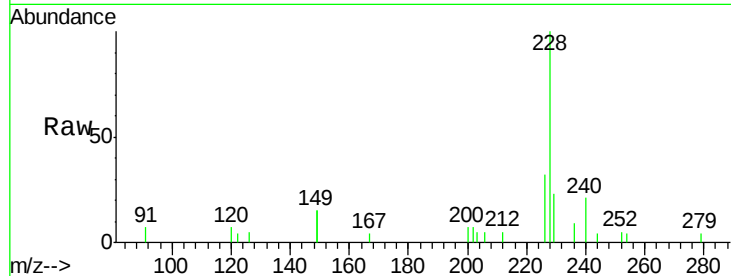
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

Tgt Ion:	228	Resp:	1766
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.0	36.0
229	22.8	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

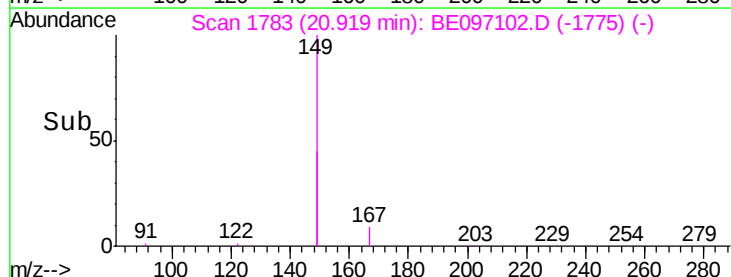
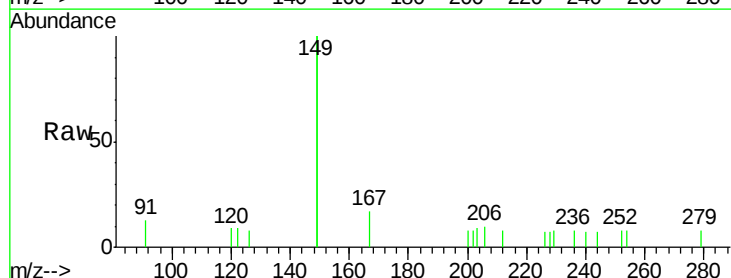
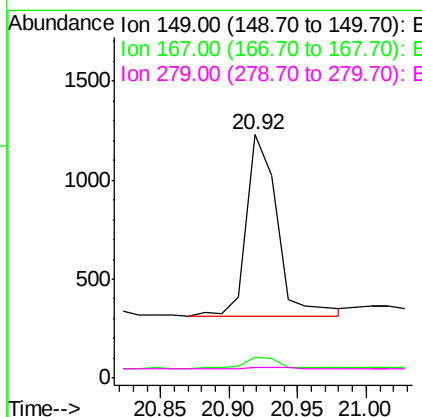
RT: 20.92 min Scan# 1783

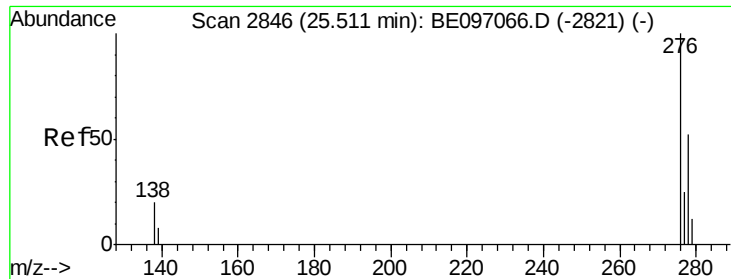
Delta R.T. 0.00 min

Lab File: BE097102.D

Acq: 26 Jul 2018 13:58

Tgt Ion:	149	Resp:	1446
Ion Ratio	Lower	Upper	
149	100		
167	6.2	5.4	8.0
279	1.7	0.7	1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.062 ng

RT: 25.54 min Scan# 2853

Delta R.T. 0.02 min

Lab File: BE097102.D

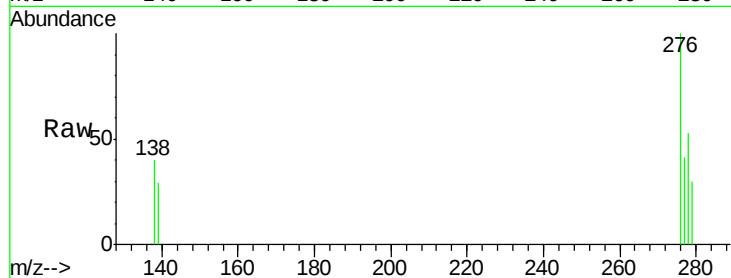
Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018



Tgt Ion:276 Resp: 1028

Ion Ratio Lower Upper

276 100

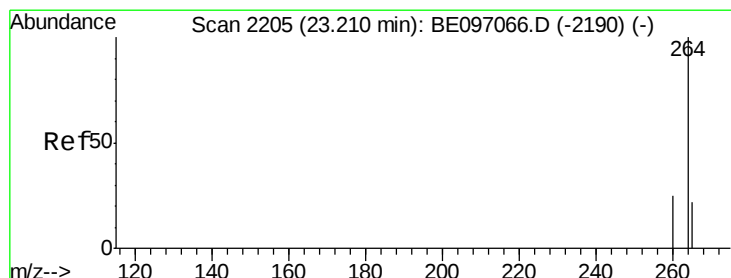
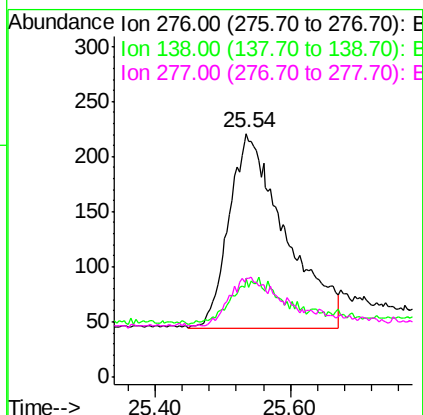
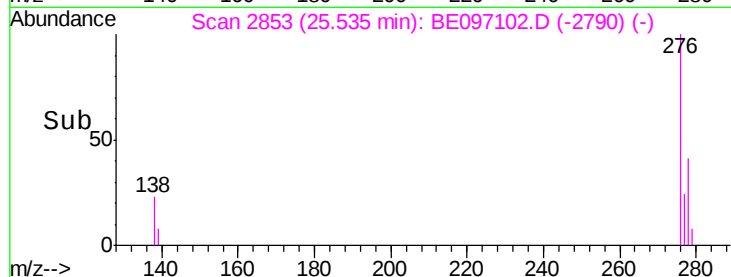
138 7.9 22.5 33.7#

277 14.7 19.9 29.9#

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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: BE097102.D

Acq: 26 Jul 2018 13:58

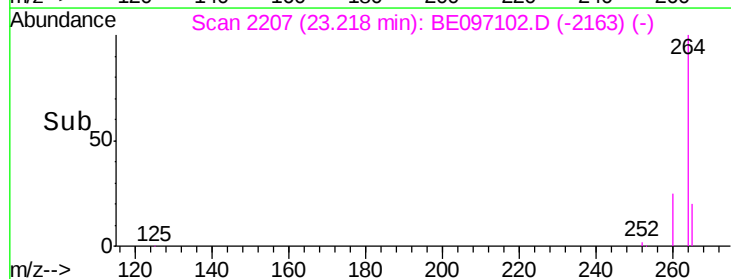
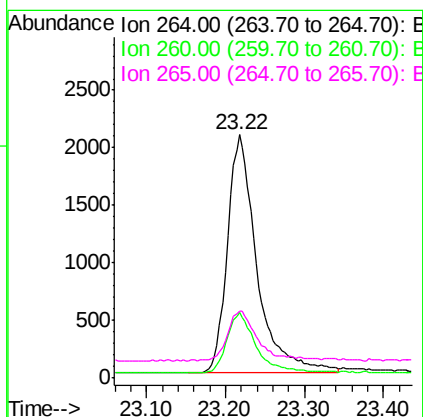
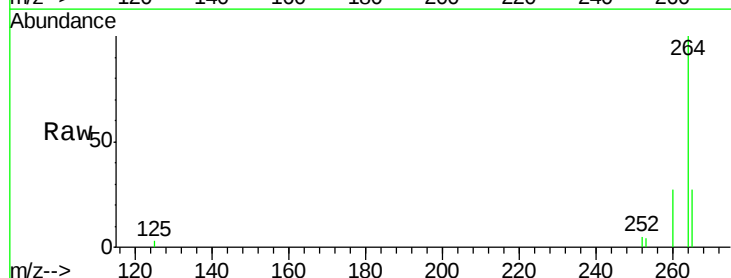
Tgt Ion:264 Resp: 5364

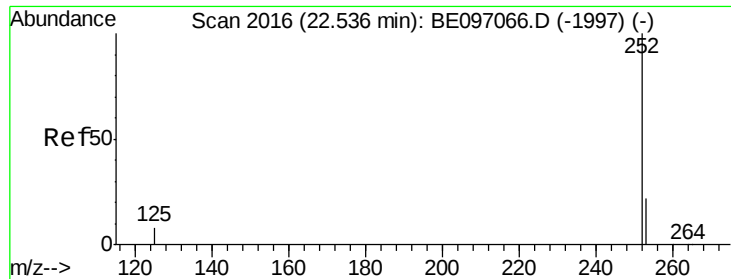
Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 27.4 22.8 34.2





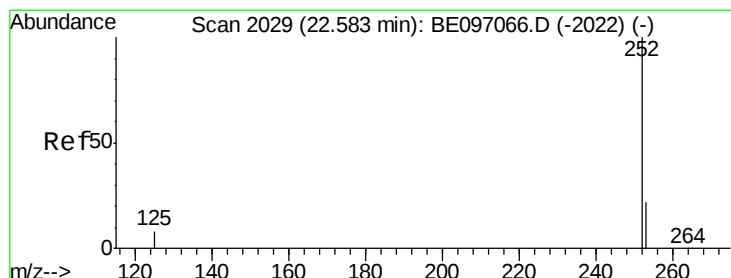
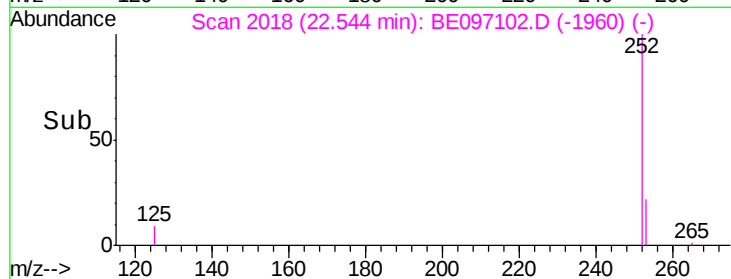
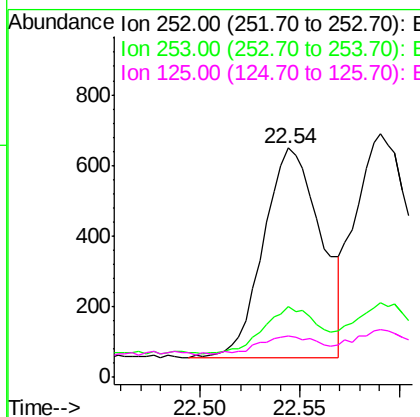
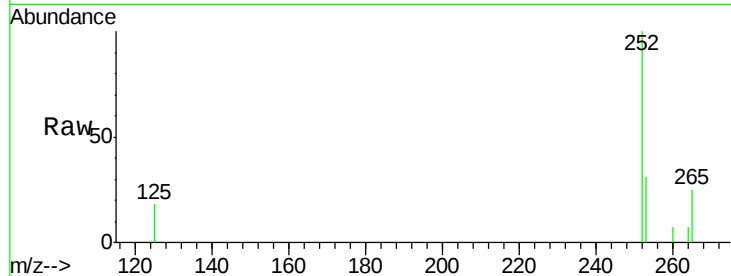
#35
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 22.54 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	20.0	30.0#
125	18.1	16.0	24.0

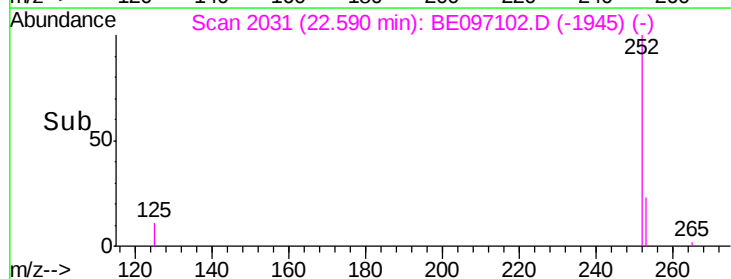
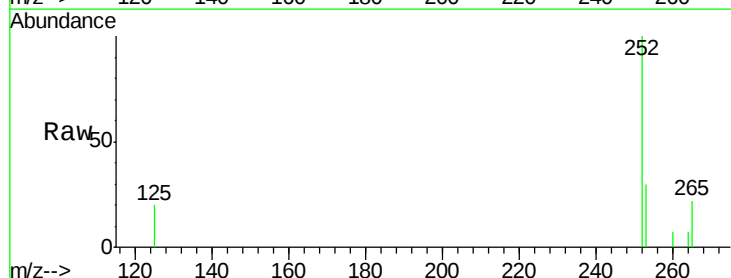
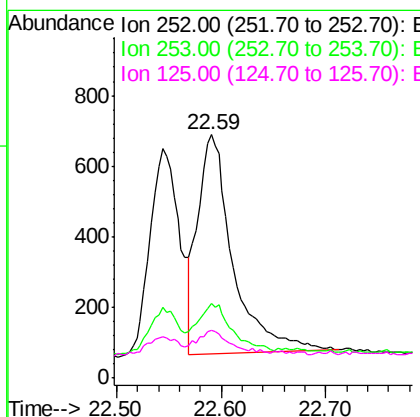
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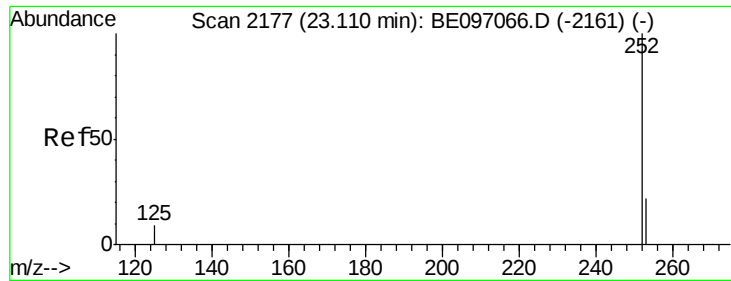
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#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097102.D
Acq: 26 Jul 2018 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	16.0	24.0#
125	19.7	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.079 ng

RT: 23.12 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BE097102.D

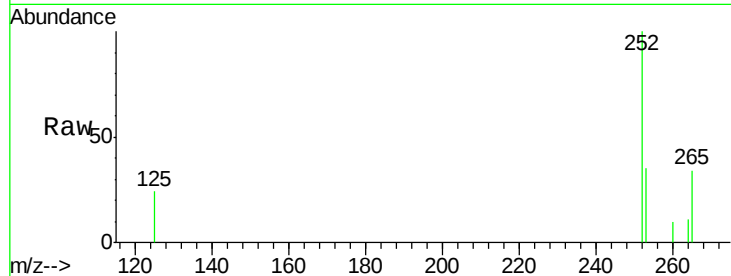
Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

ClientSampleId :

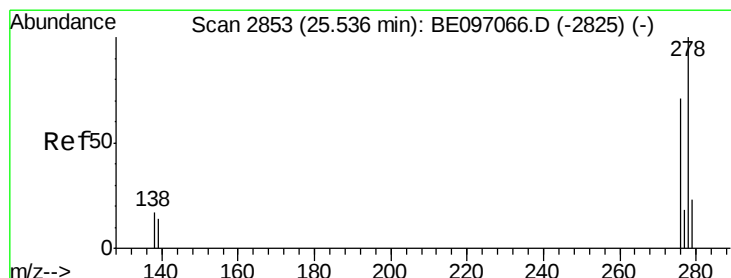
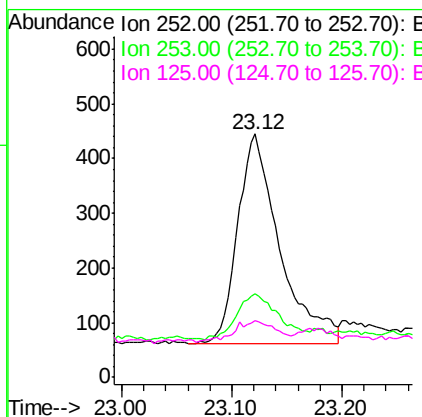
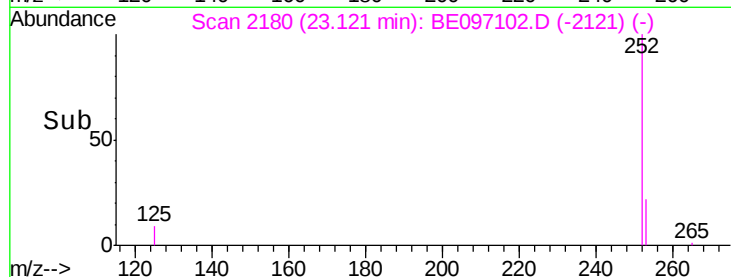
LOD-MDL-SOIL-01-QT3-2018



Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.6	16.0	24.0#
125	23.6	12.0	18.0#

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#38

Dibenzo(a,h)anthracene

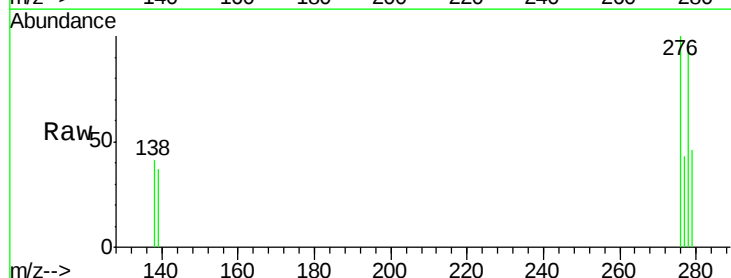
Concen: 0.051 ng

RT: 25.56 min Scan# 2860

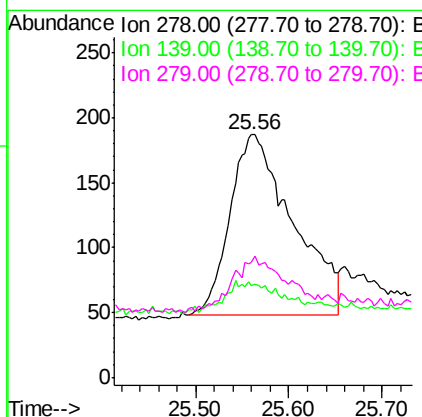
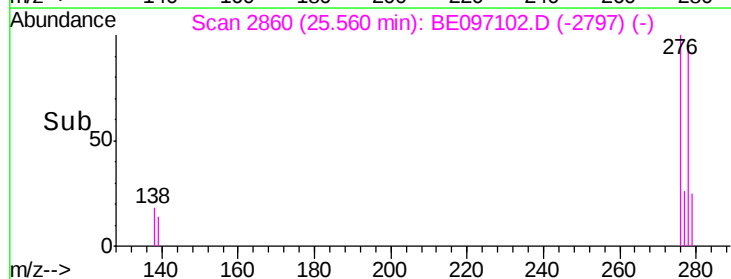
Delta R.T. 0.02 min

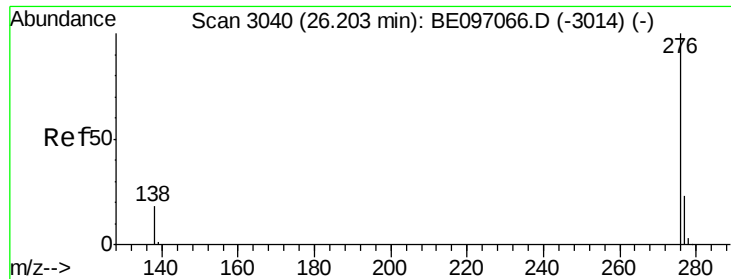
Lab File: BE097102.D

Acq: 26 Jul 2018 13:58



Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.0	16.0	24.0#
279	47.6	20.0	30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.065 ng

RT: 26.23 min Scan# 3048

Delta R.T. 0.03 min

Lab File: BE097102.D

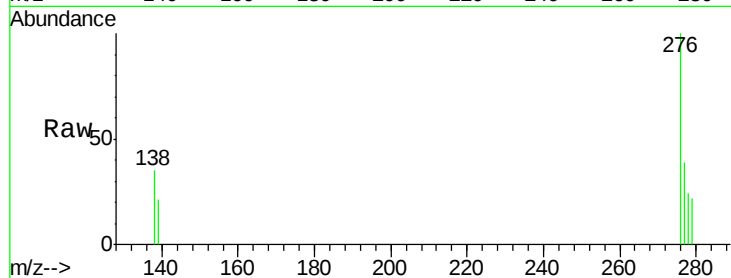
Acq: 26 Jul 2018 13:58

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018



Tgt Ion: 276 Resp: 878

Ion Ratio Lower Upper

276 100

277 38.6 16.0 24.0#

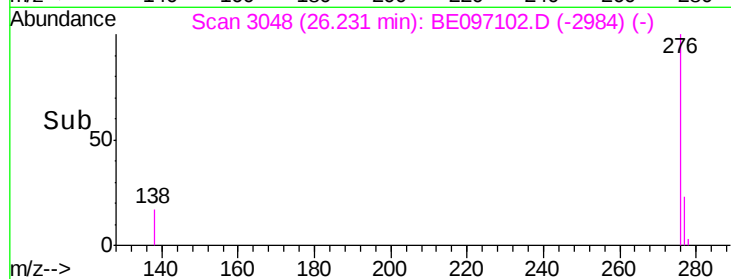
138 35.2 20.0 30.0#

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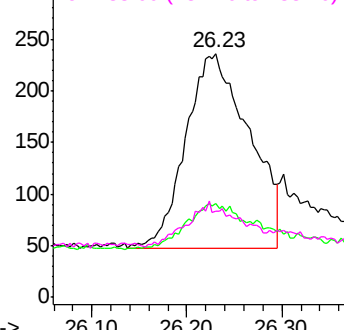
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->