

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
 Data File : BE095550.D
 Acq On : 7 Feb 2018 12:54
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 0.1ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:49:27 PM

Quant Time: Feb 08 01:52:27 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1379	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	5480	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3154	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7561	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7842	0.40	ng	0.00
34) Perylene-d12	24.43	264	7139	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1244	0.30	ng	0.00
5) Phenol-d6	7.55	99	1644	0.29	ng	-0.01
8) Nitrobenzene-d5	9.60	82	1752	0.30	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	2605	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	341	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4080	0.30	ng	-0.02
25) Fluoranthene-d10	19.69	212	27892	0.28	ng	0.00
29) Terphenyl-d14	20.25	244	5028	0.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.65	88	318	0.139	ng	Qvalue # 67
3) n-Nitrosodimethylamine	4.00	42	196	0.068	ng	# 95
6) bis(2-Chloroethyl)ether	7.82	93	491	0.093	ng	# 83
9) Naphthalene	11.31	128	5475	0.086	ng	# 97
10) Hexachlorobutadiene	11.58	225	342	0.100	ng	93
12) 2-Methylnaphthalene	12.88	142	944	0.087	ng	98
16) Acenaphthylene	14.73	152	1487	0.083	ng	97
17) Acenaphthene	15.06	154	935	0.084	ng	91
18) Fluorene	16.02	166	1182	0.084	ng	# 76
20) 4-Bromophenyl-phenylether	16.91	248	381	0.084	ng	# 75
21) Hexachlorobenzene	17.03	284	402	0.086	ng	# 82
22) Pentachlorophenol	17.37	266	77	0.202	ng	97
23) Phenanthrene	17.74	178	2063m	0.089	ng	
24) Anthracene	17.83	178	1829	0.084	ng	# 94
26) Fluoranthene	19.72	202	2550	0.087	ng	97
28) Pyrene	20.07	202	3144	0.095	ng	99
30) Benzo(a)anthracene	21.78	228	2264	0.087	ng	98
31) Chrysene	21.84	228	2262	0.088	ng	97
32) Bis(2-ethylhexyl)phthalate	21.65	149	5371	0.089	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	2071	0.083	ng	# 92
35) Benzo(b)fluoranthene	23.61	252	2133m	0.088	ng	
36) Benzo(k)fluoranthene	23.66	252	2071m	0.083	ng	
37) Benzo(a)pyrene	24.31	252	1900	0.084	ng	# 82
38) Dibenzo(a,h)anthracene	27.25	278	1626	0.082	ng	# 83
39) Benzo(g,h,i)perylene	28.11	276	1735	0.081	ng	# 85

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

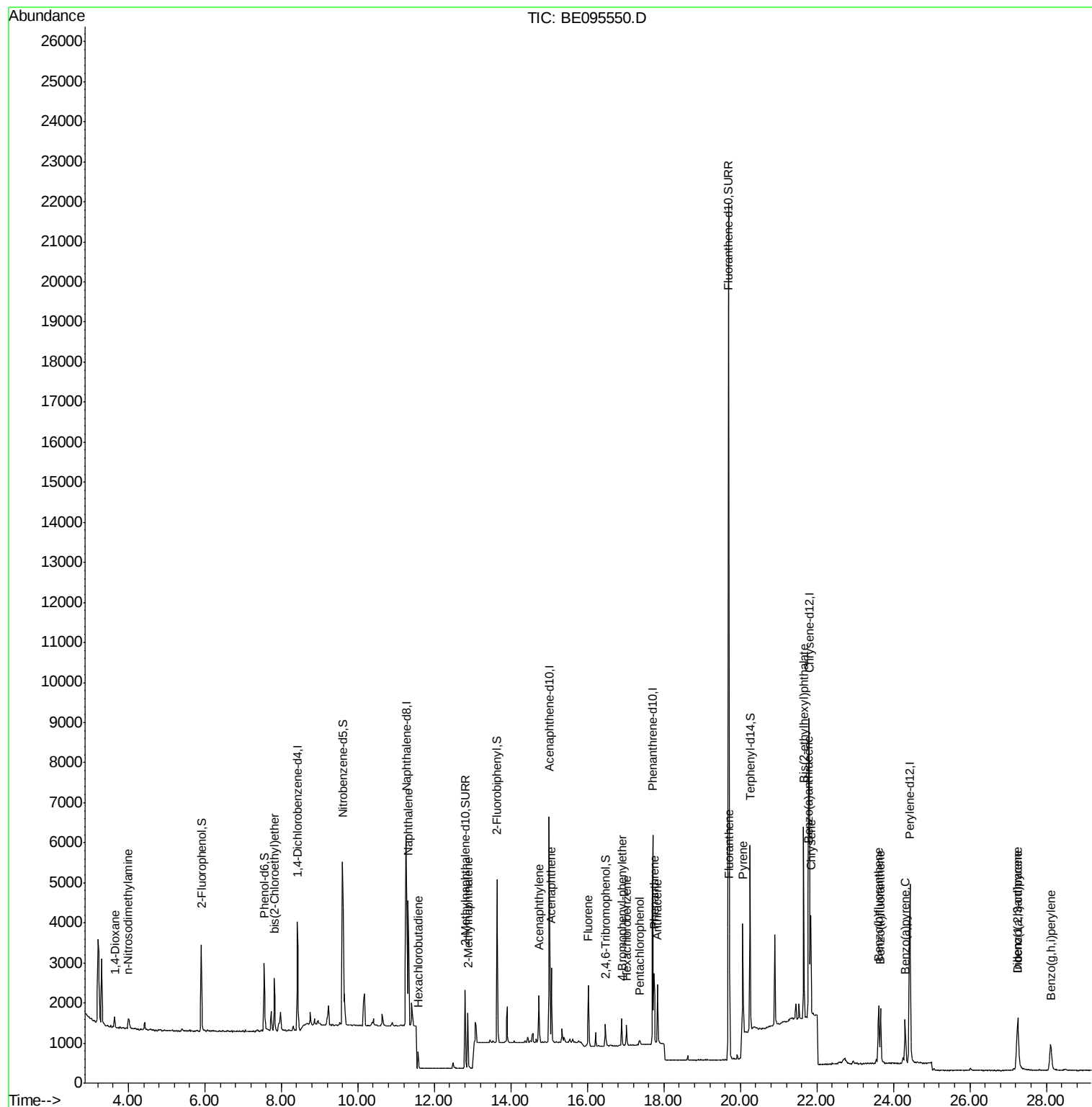
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020718\
Data File : BE095550.D
Acq On : 7 Feb 2018 12:54
Operator : SJ/JU
Sample : J1161-01
Misc : LOD 0.1ppm
ALS Vial : 7 Sample Multiplier: 1

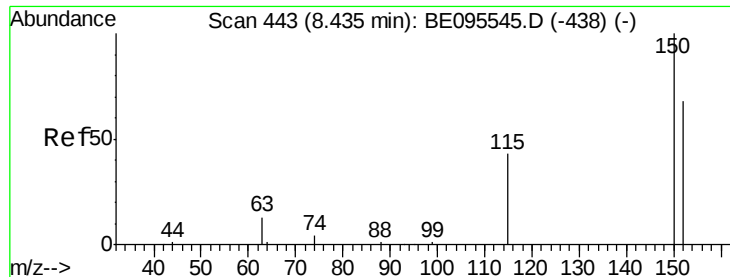
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
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Quant Time: Feb 08 01:52:27 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 20:27:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 442

Delta R.T. -0.01 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:152 Resp: 1379

Ion Ratio Lower Upper

152 100

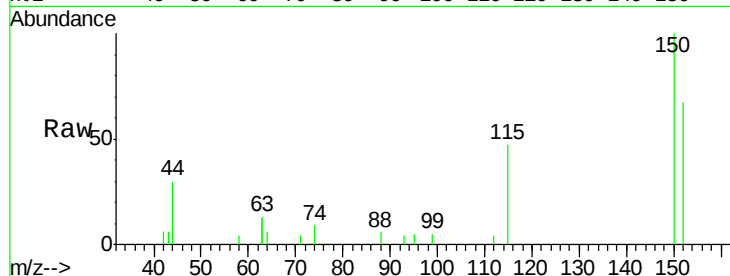
150 148.2 117.2 175.8

115 69.7 57.0 85.6

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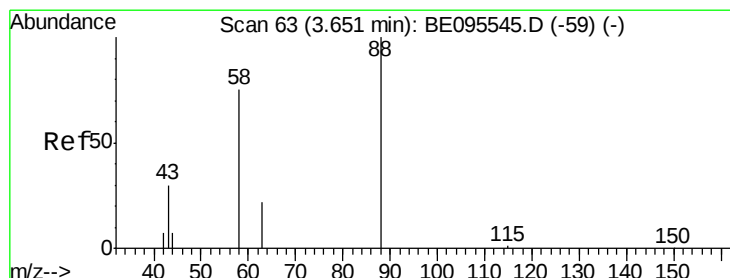
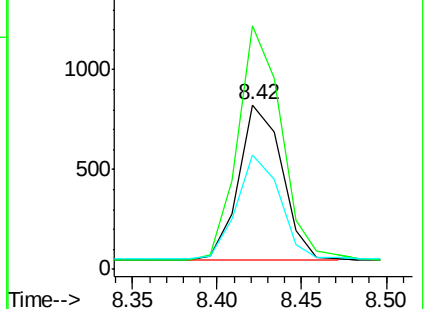
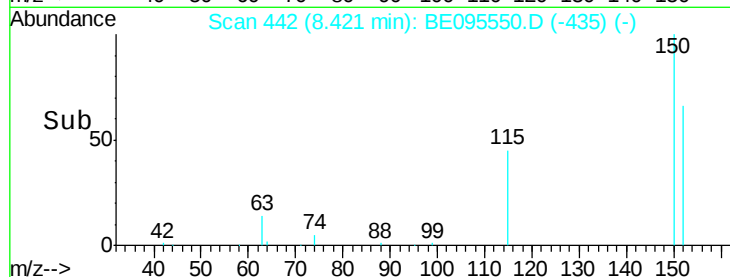
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.139 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

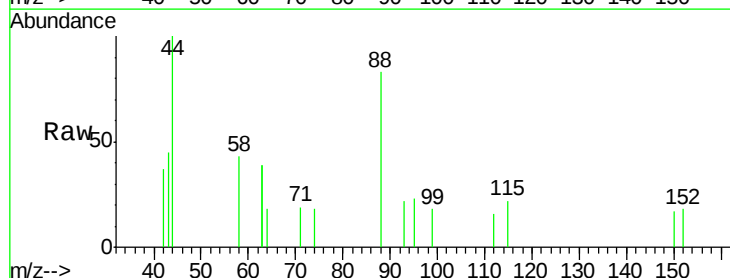
Tgt Ion: 88 Resp: 318

Ion Ratio Lower Upper

88 100

58 52.8 63.2 94.8#

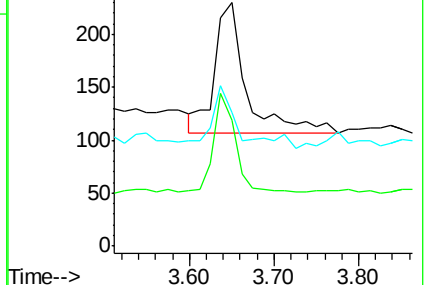
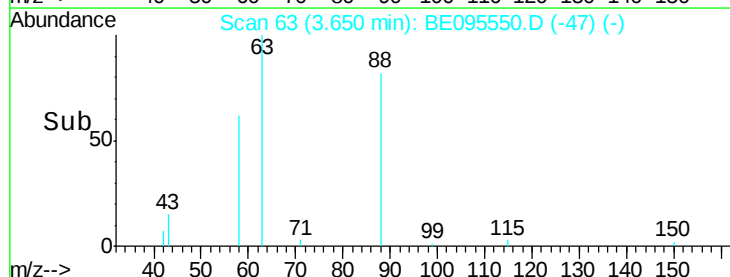
43 24.2 41.2 61.8#

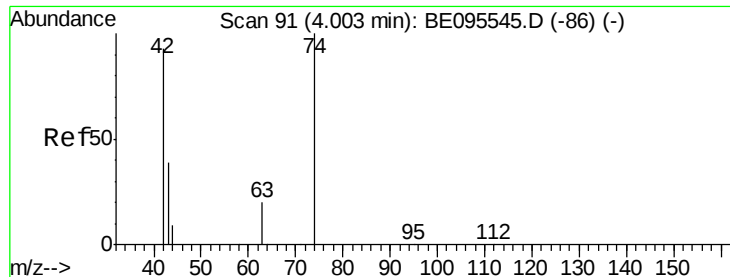


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

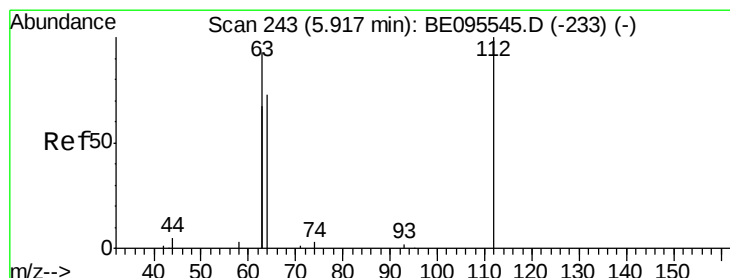
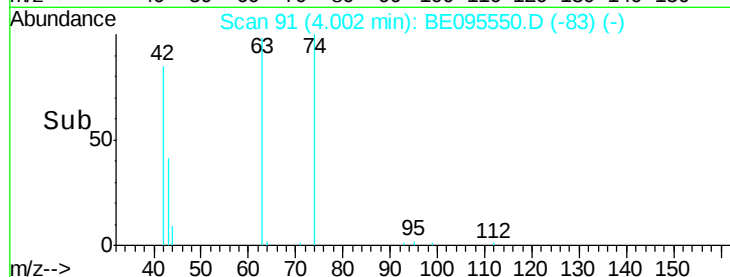
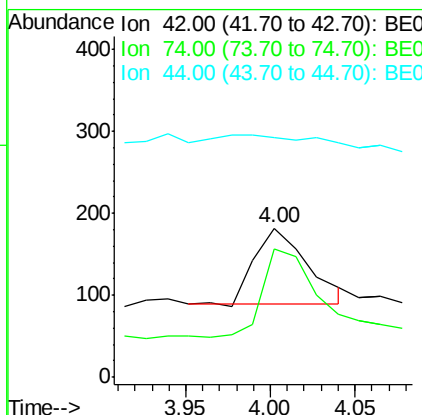
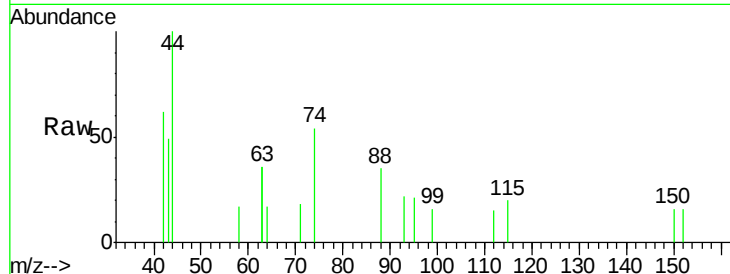
n-Nitrosodimethylamine
Concen: 0.068 ng
RT: 4.00 min Scan# 91
Delta R.T. -0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
42	100		
74	121.4	96.0	144.0
44	0.0	12.0	18.0

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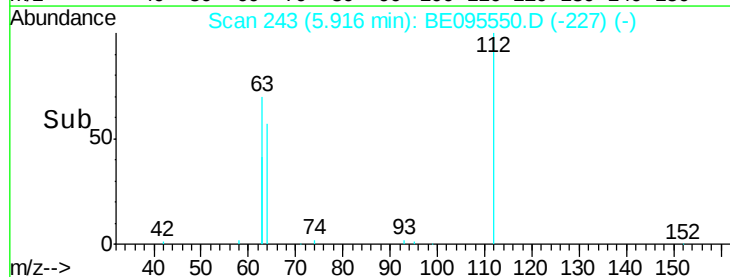
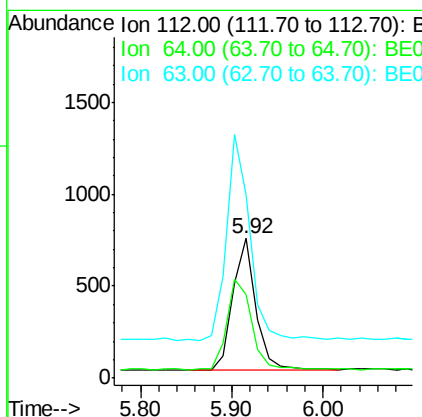
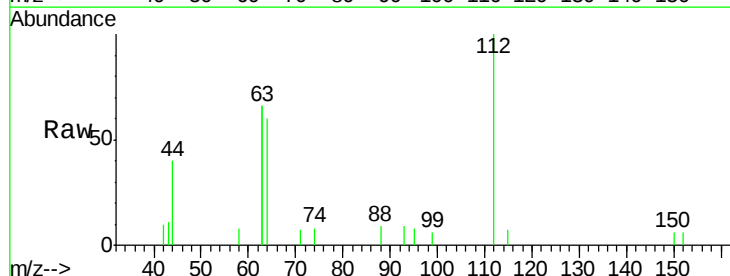
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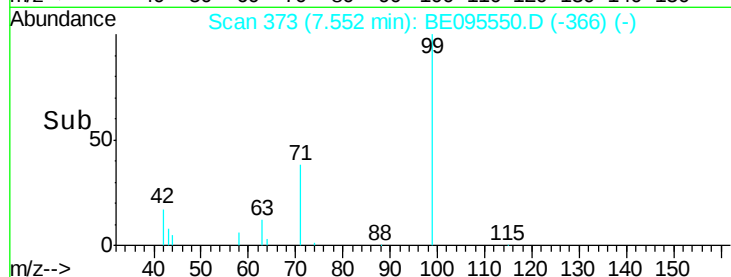
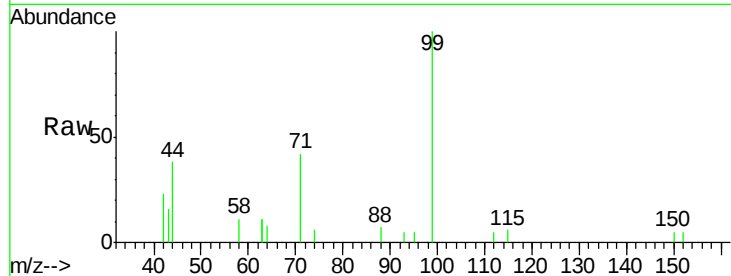
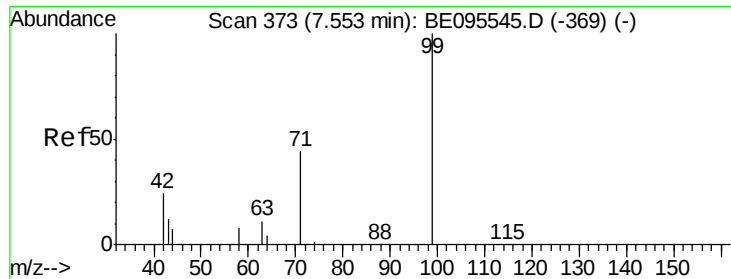


#4

2-Fluorophenol
Concen: 0.299 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	60.1	90.1
63	158.8	116.8	175.2





#5

Phenol-d6

Concen: 0.285 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tot Ion:	99	Resp:	1644
Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.2	30.2
71	40.9	28.4	42.6

Instrument :

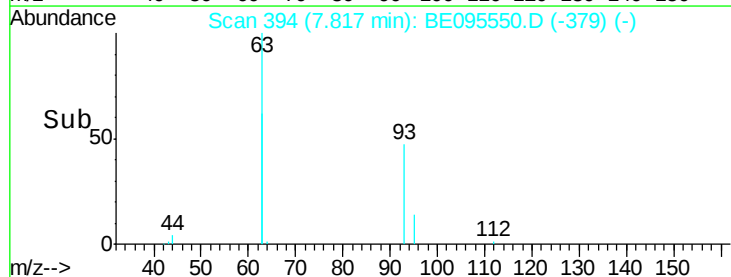
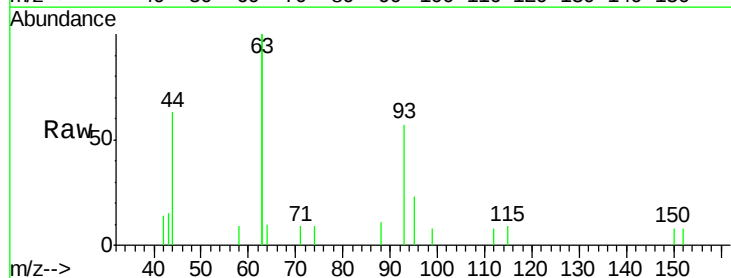
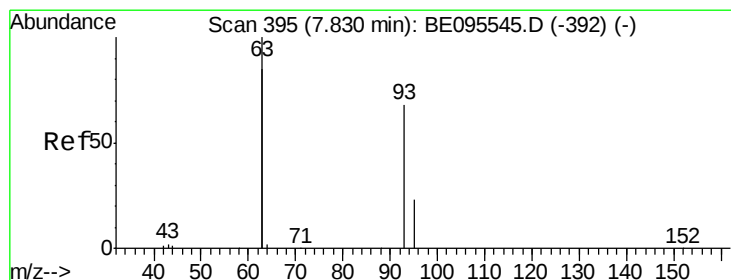
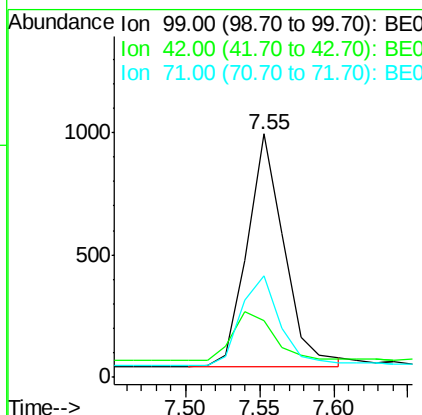
BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.093 ng

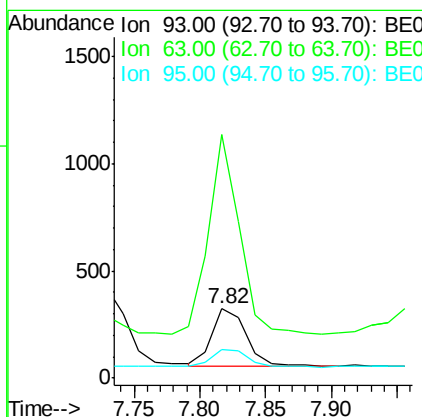
RT: 7.82 min Scan# 394

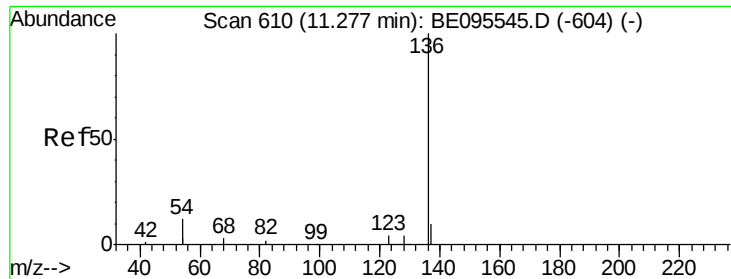
Delta R.T. -0.01 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	93	Resp:	491
Ion	Ratio	Lower	Upper
93	100		
63	305.3	275.3	412.9
95	33.0	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

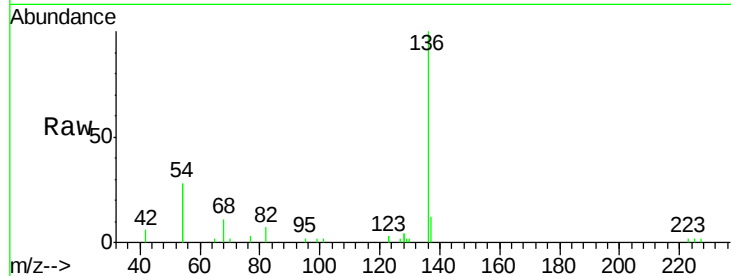
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100	5480		
137	12.1		9.5	14.3
54	56.9		29.1	43.7#
68	10.9		6.2	9.2#

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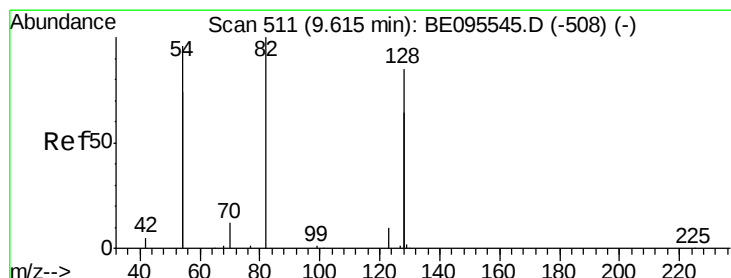
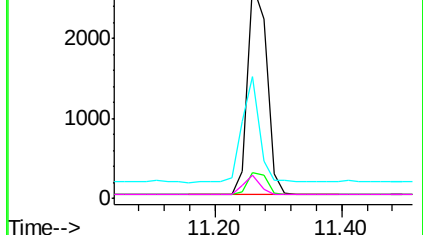
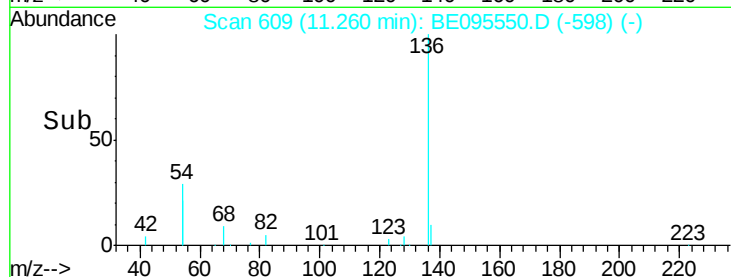


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.302 ng

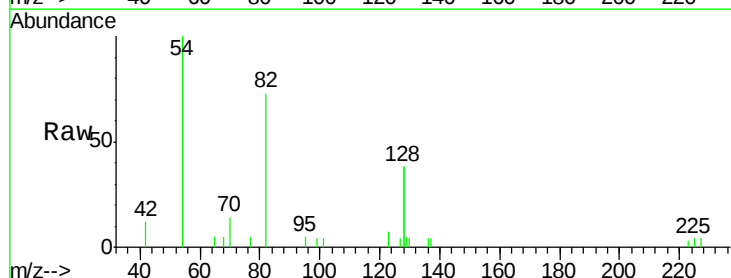
RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

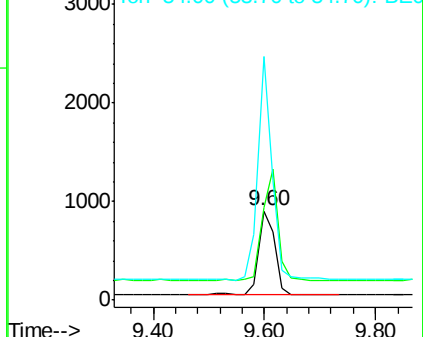
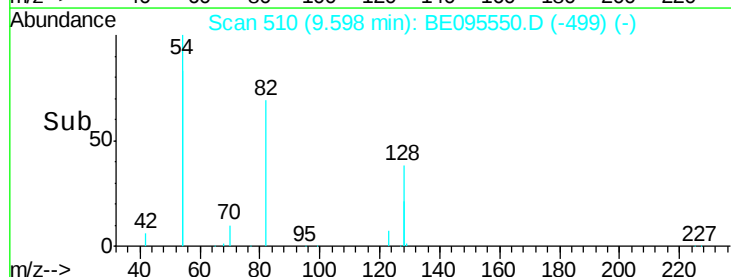
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1752		
128	103.4		150.0	225.0#
54	273.5		154.2	231.4#

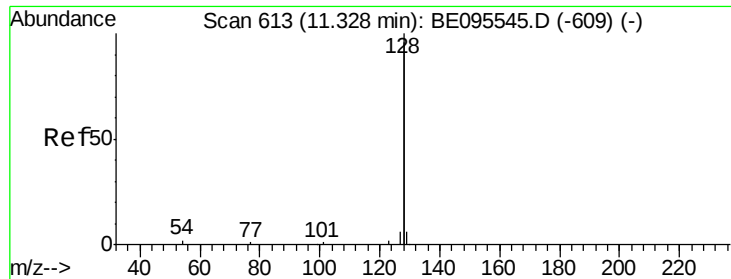


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.086 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

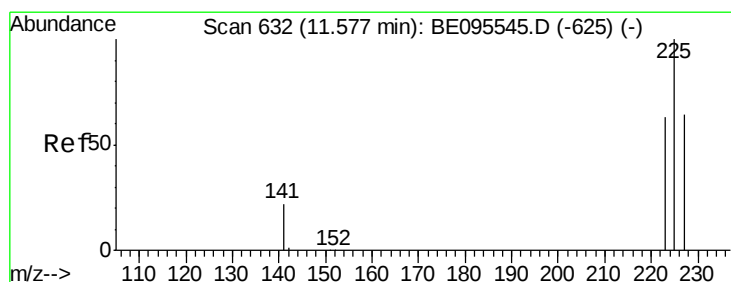
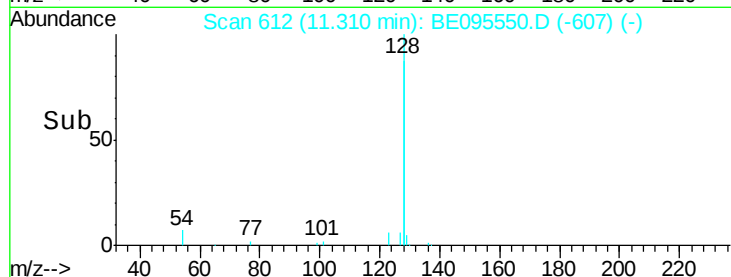
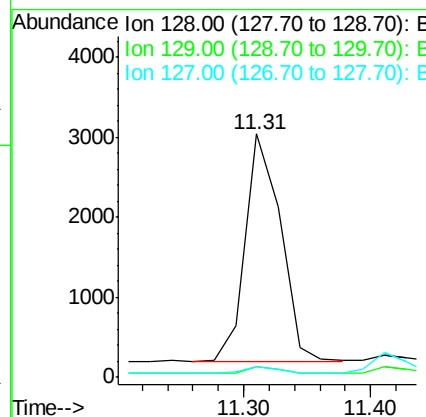
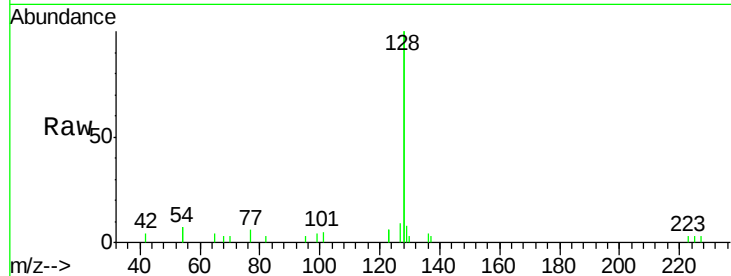
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	128	Resp:	5475
Ion Ratio	Lower	Upper	
128	100		
129	4.2	2.6	3.8#
127	4.5	2.8	4.2#

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#10

Hexachlorobutadiene

Concen: 0.100 ng

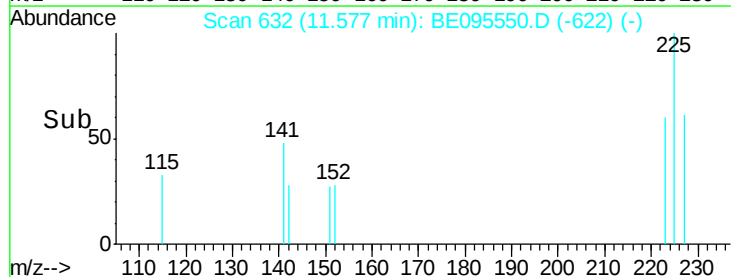
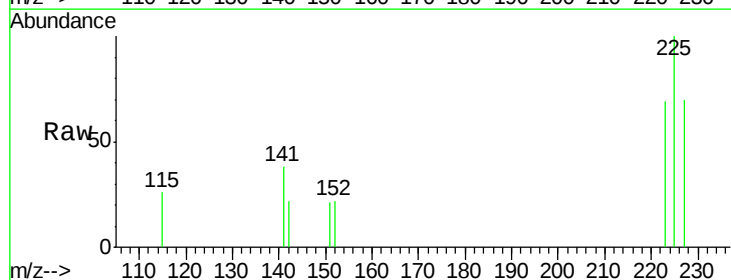
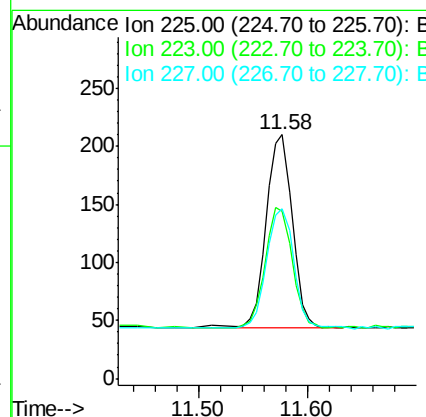
RT: 11.58 min Scan# 632

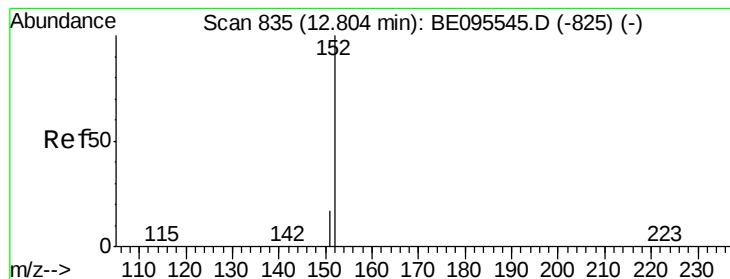
Delta R.T. -0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	225	Resp:	342
Ion Ratio	Lower	Upper	
225	100		
223	60.8	53.0	79.6
227	58.8	51.4	77.2





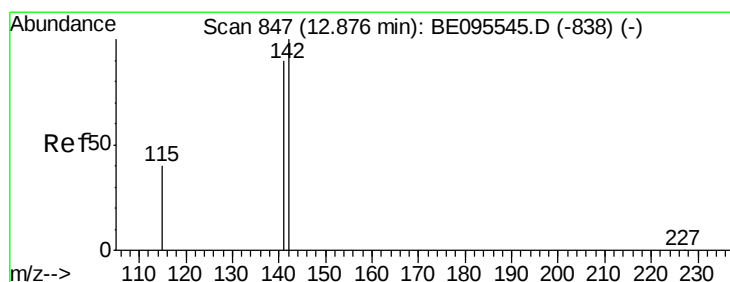
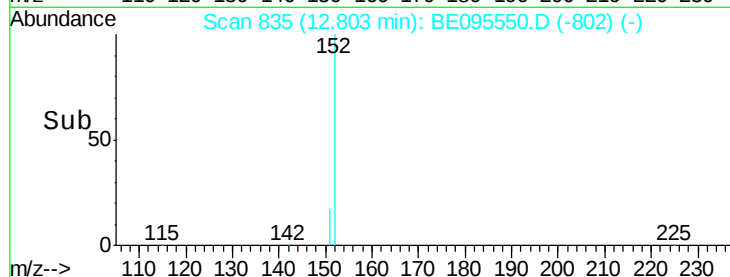
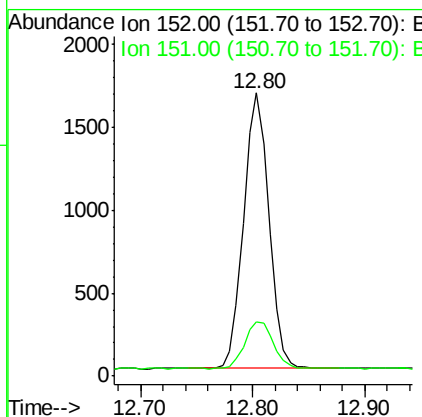
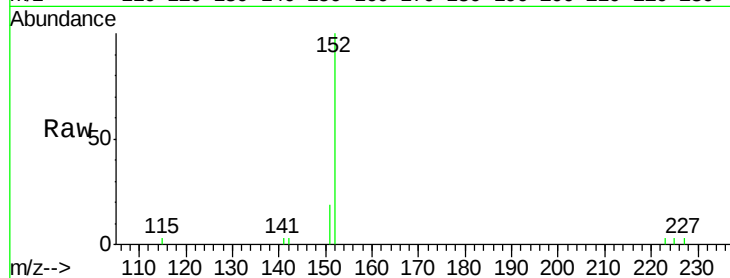
#11
 2-Methylnaphthalene-d10
 Concen: 0.287 ng
 RT: 12.80 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BE095550.D
 Acq: 7 Feb 2018 12:54

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0

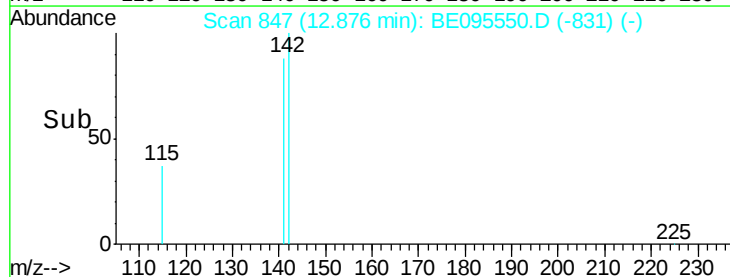
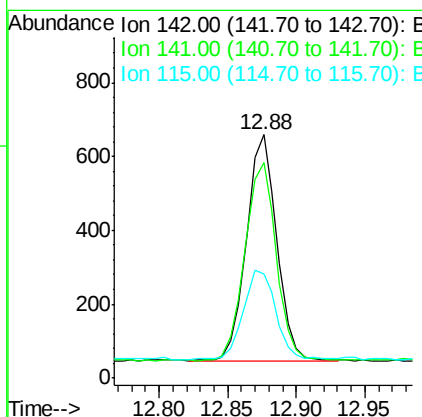
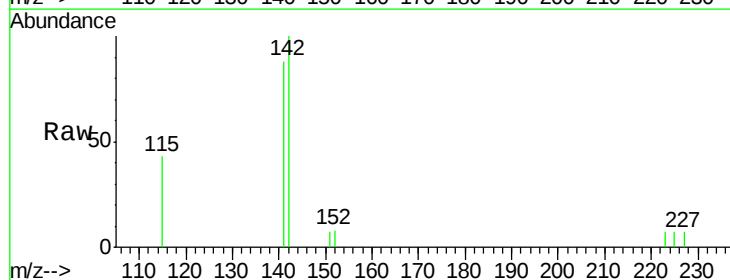
Manual Integrations
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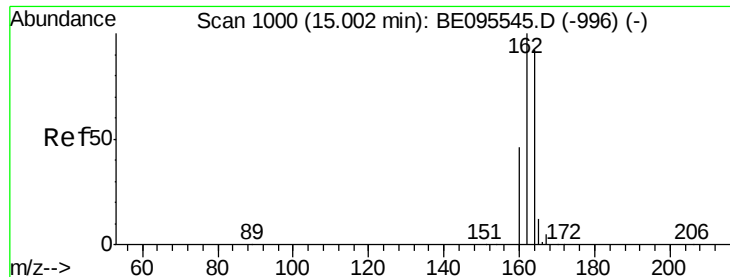
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#12
 2-Methylnaphthalene
 Concen: 0.087 ng
 RT: 12.88 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BE095550.D
 Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	42.8	31.7	47.5





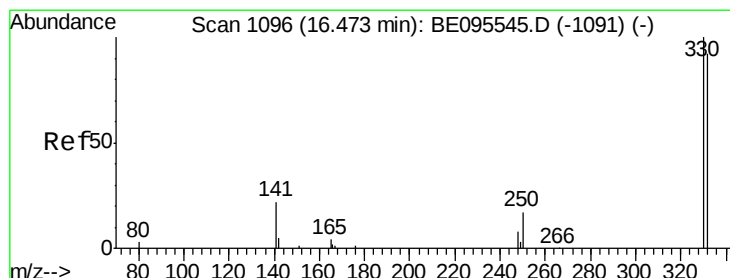
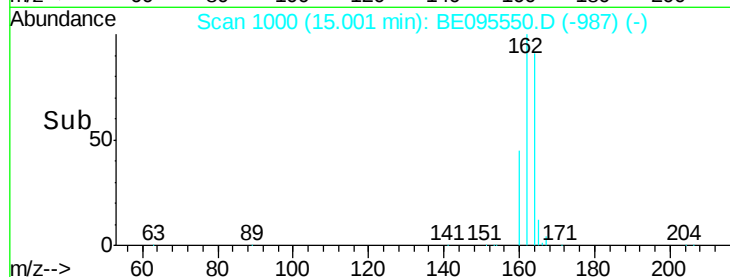
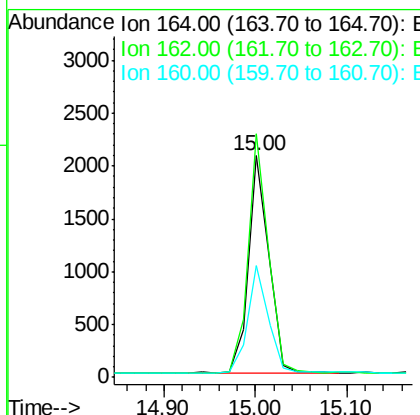
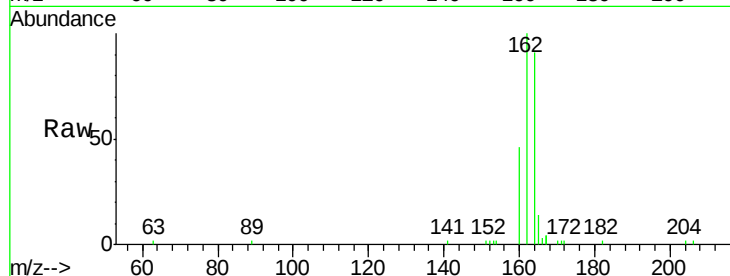
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.8	83.1	124.7
160	50.5	37.1	55.7

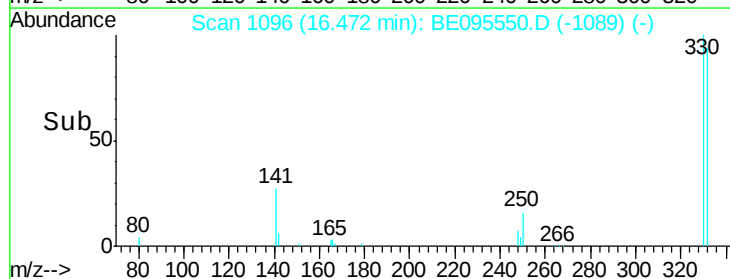
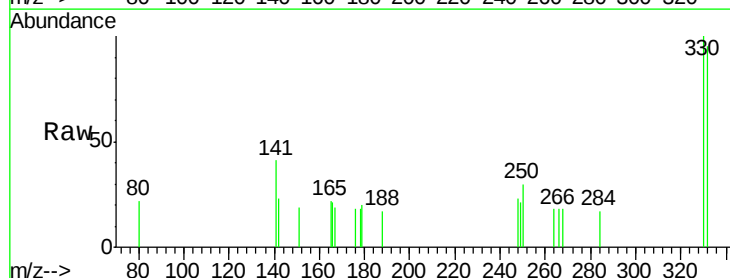
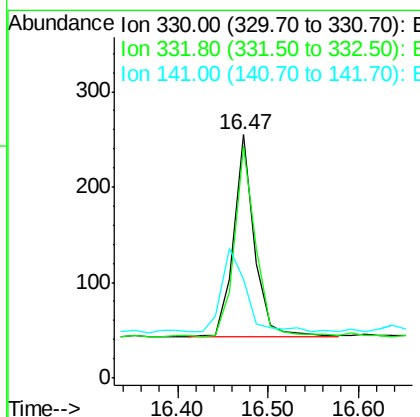
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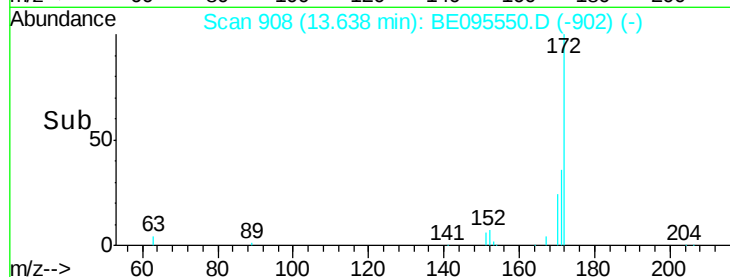
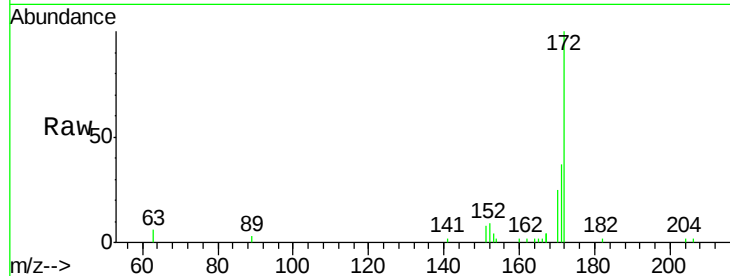
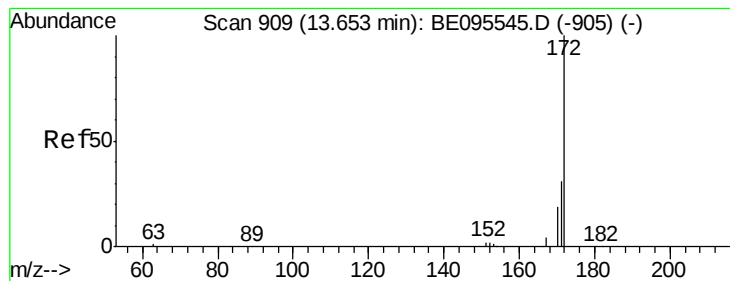
Sohil
2/8/2018 3:49:27 PM



#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 16.47 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	152.7	229.1#
141	45.5	33.7	50.5





#15

2-Fluorobiphenyl

Concen: 0.300 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.02 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tot Ion:	172	Resp:	4080
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.9	44.9
170	25.3	21.8	32.8

Instrument :

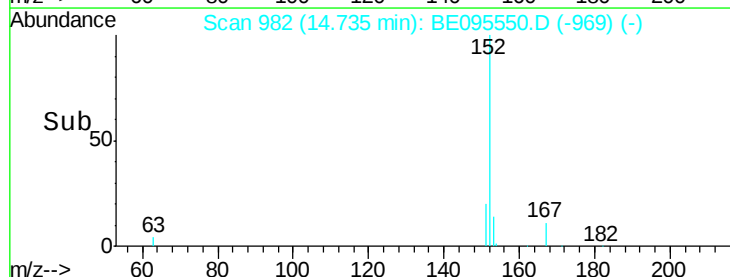
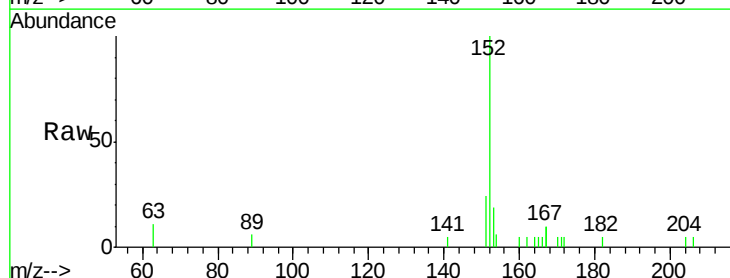
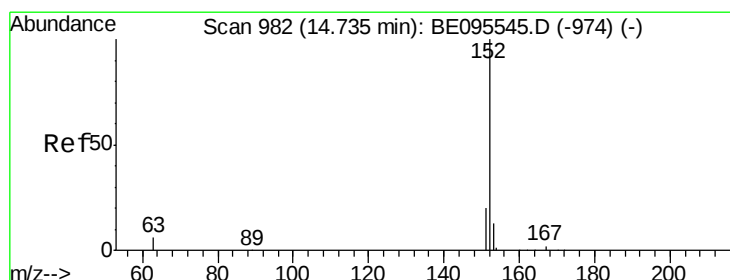
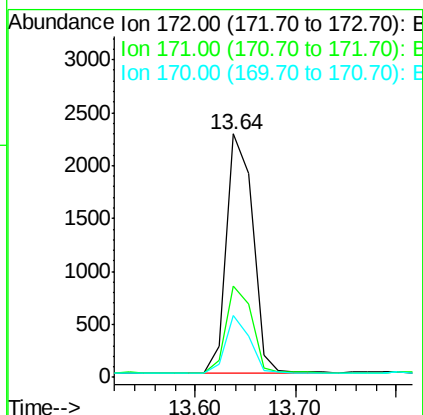
BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

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#16

Acenaphthylene

Concen: 0.083 ng

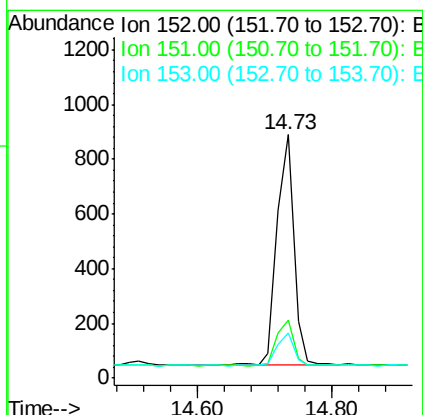
RT: 14.73 min Scan# 982

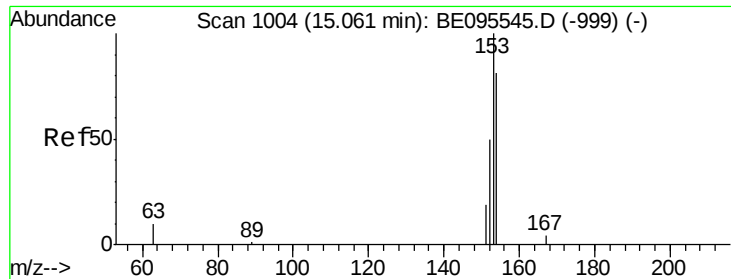
Delta R.T. -0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	152	Resp:	1487
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.7	23.5
153	15.3	10.5	15.7





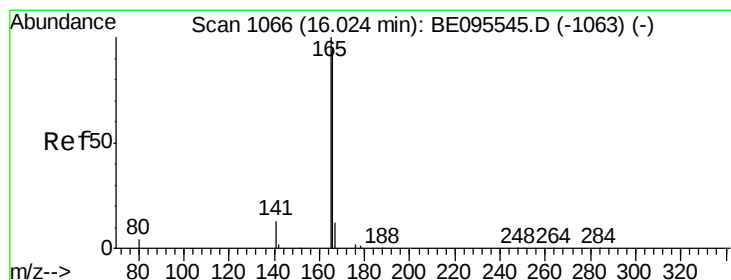
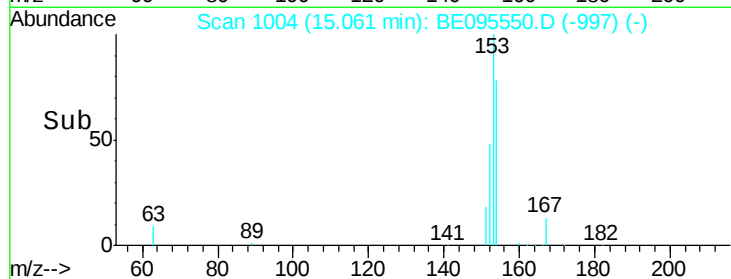
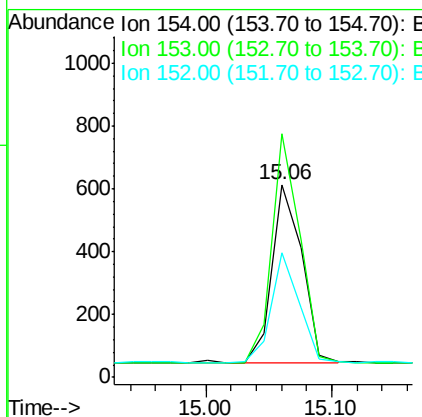
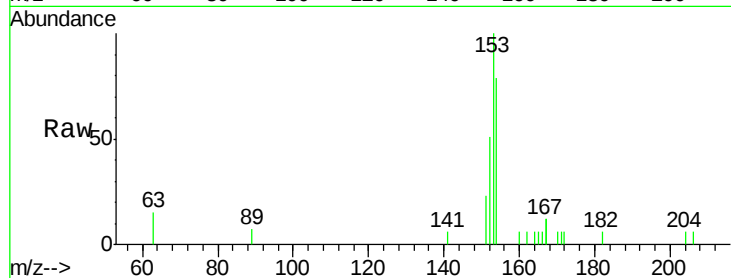
#17
Acenaphthene
Concen: 0.084 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	121.0	89.2	133.8
152	58.7	42.0	63.0

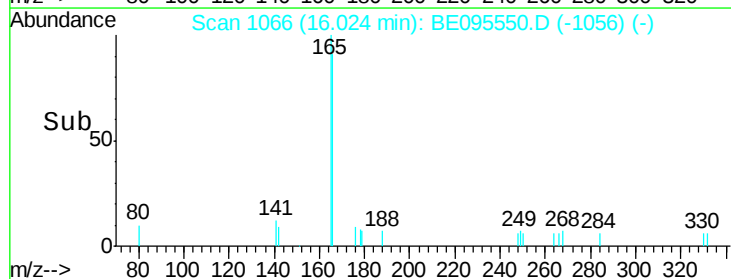
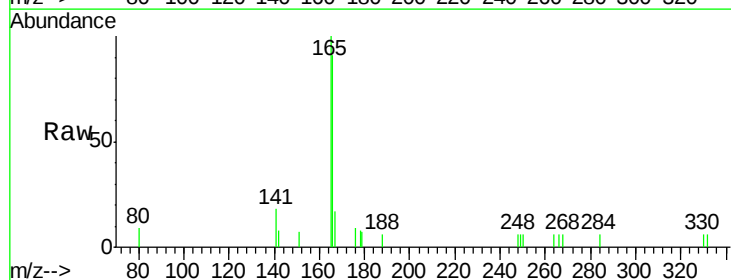
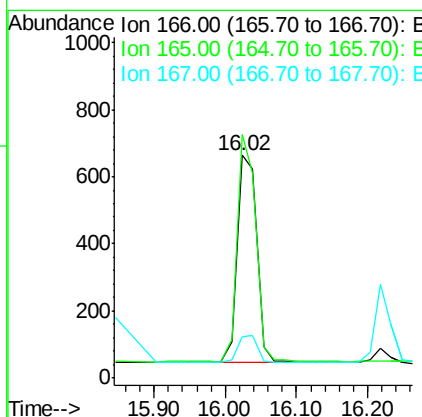
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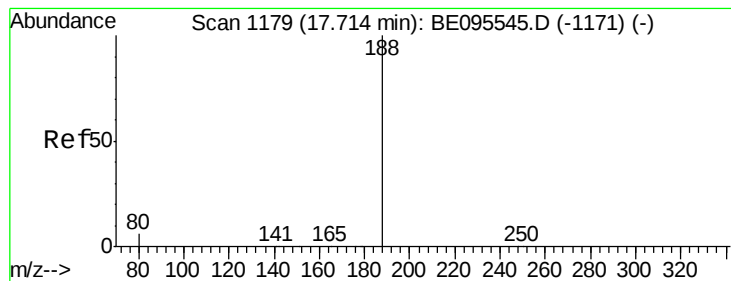
Sohil
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#18
Fluorene
Concen: 0.084 ng
RT: 16.02 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.7	77.8	116.6
167	14.3	42.4	63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

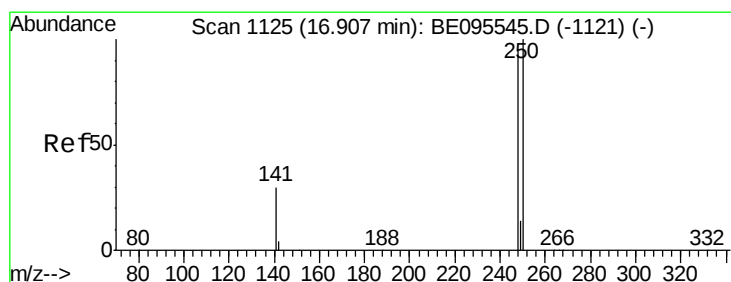
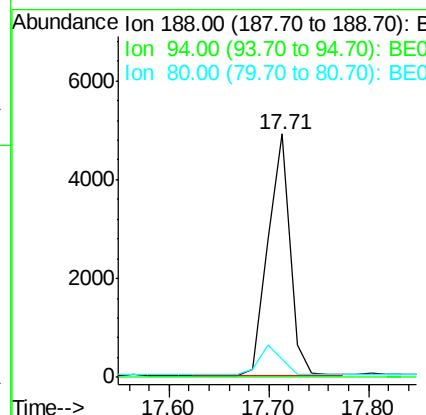
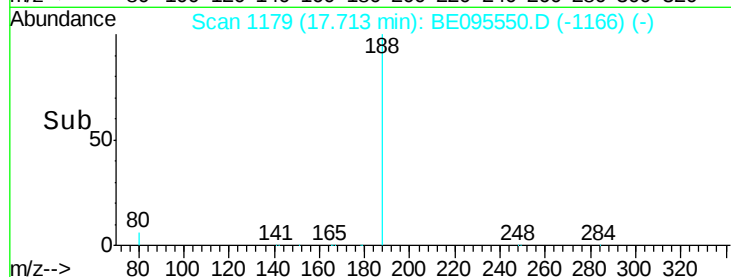
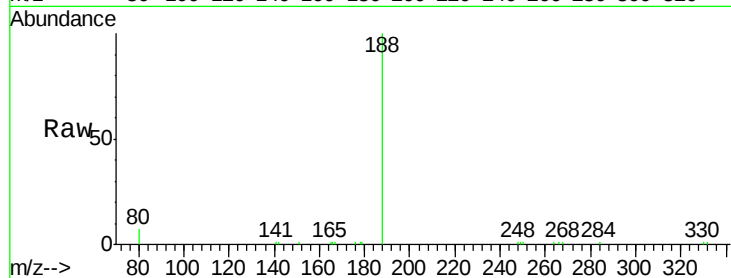
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	188	Resp:	7561
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	7.4	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.084 ng

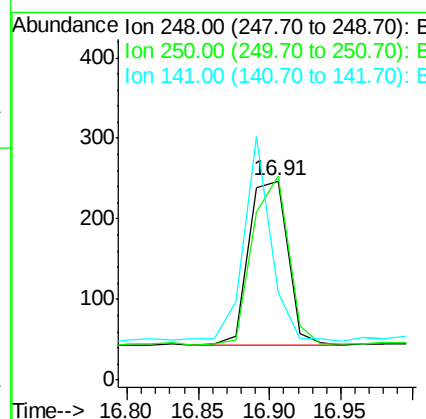
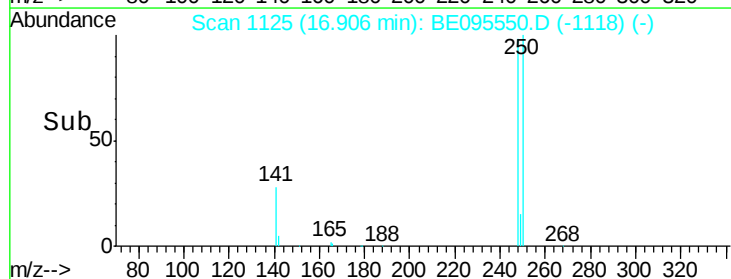
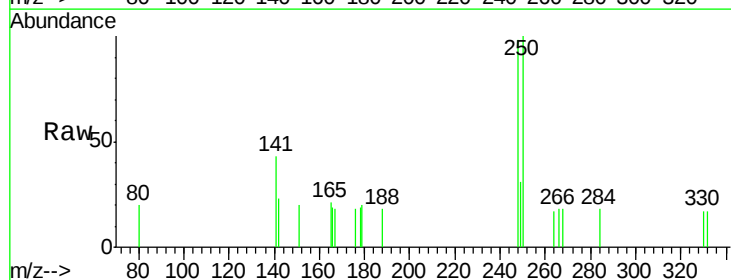
RT: 16.91 min Scan# 1125

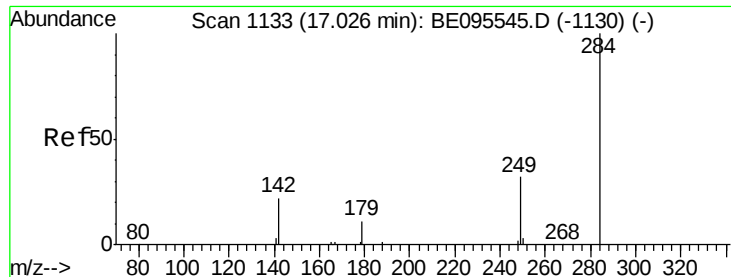
Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	248	Resp:	381
Ion Ratio	Lower	Upper	
248	100		
250	102.4	62.7	94.1#
141	43.7	48.2	72.2#





#21

Hexachlorobenzene

Concen: 0.086 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

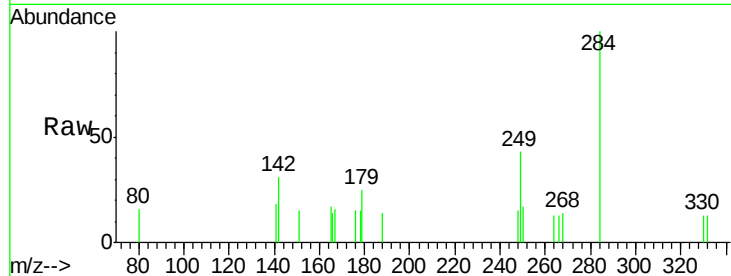
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

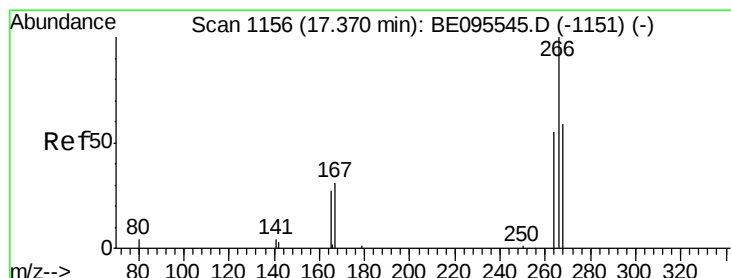
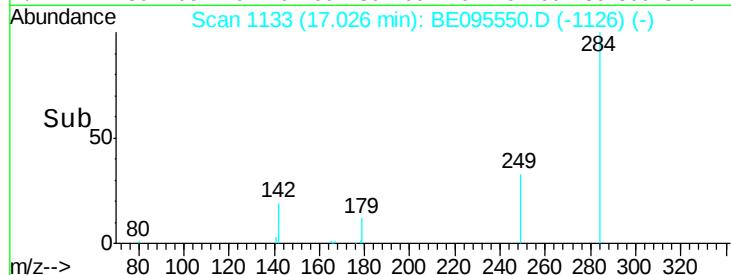
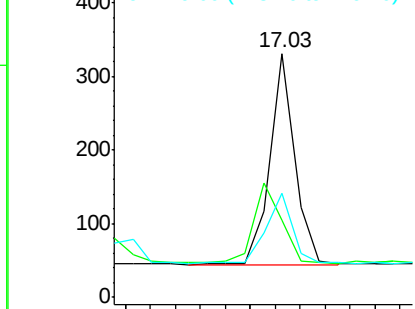
Tot Ion:	284	Resp:	402
Ion Ratio	Lower	Upper	
284	100		
142	42.3	22.1	33.1#
249	36.3	34.8	52.2

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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: 0.202 ng

RT: 17.37 min Scan# 1156

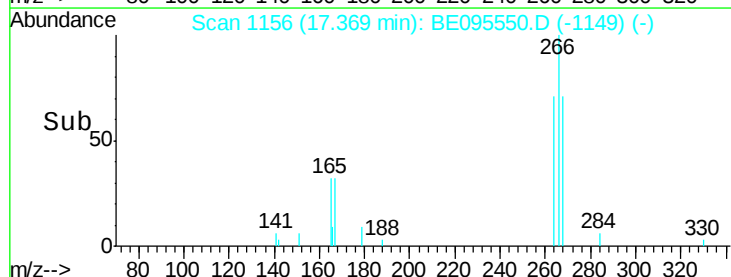
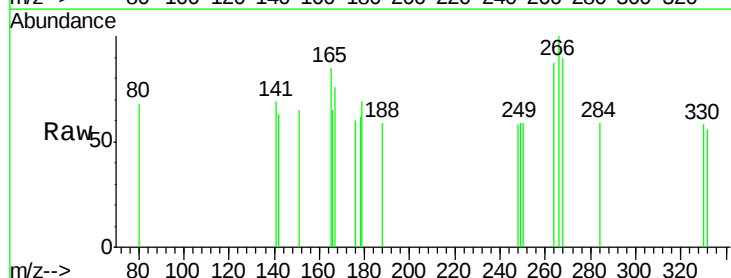
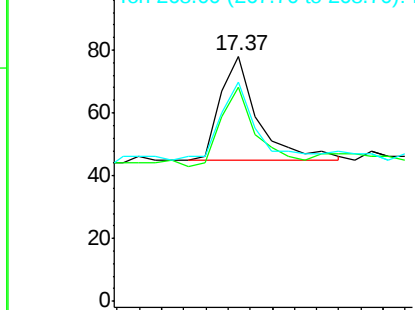
Delta R.T. 0.00 min

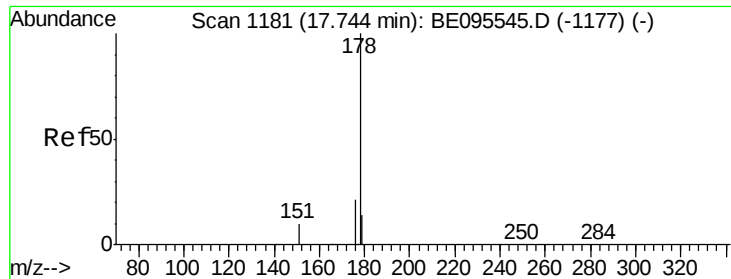
Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	266	Resp:	77
Ion Ratio	Lower	Upper	
266	100		
264	87.2	72.5	108.7
268	89.7	73.8	110.6

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





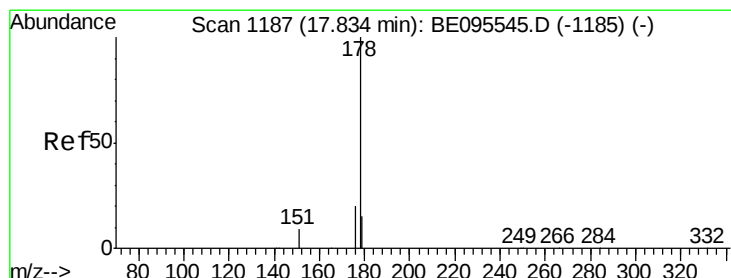
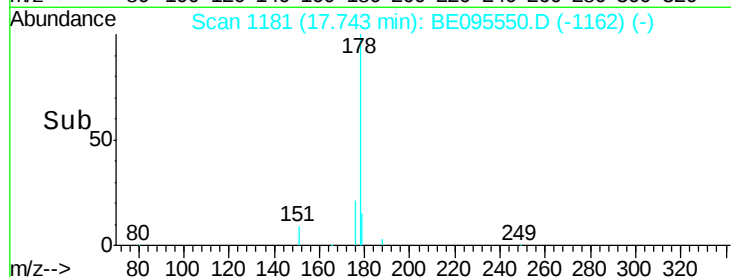
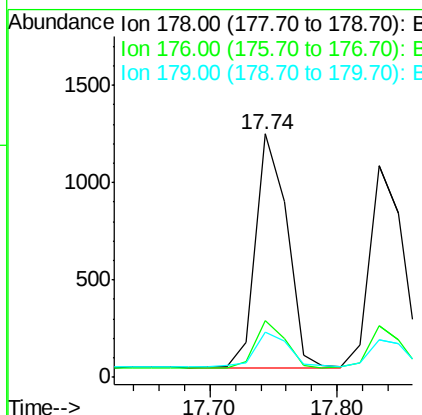
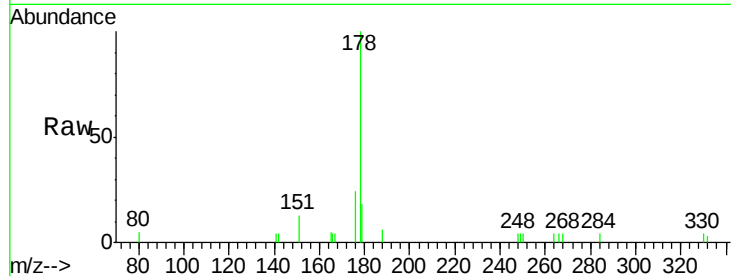
#23
Phenanthrene
Concen: 0.089 ng m
RT: 17.74 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	16.2	11.8	17.6

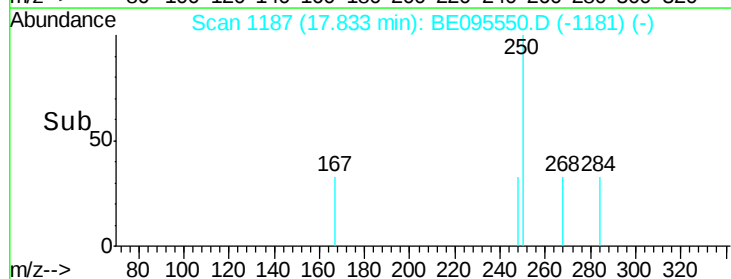
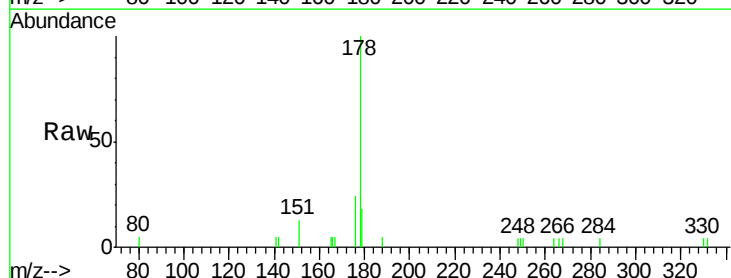
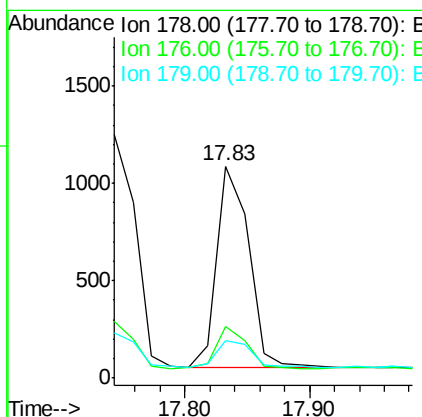
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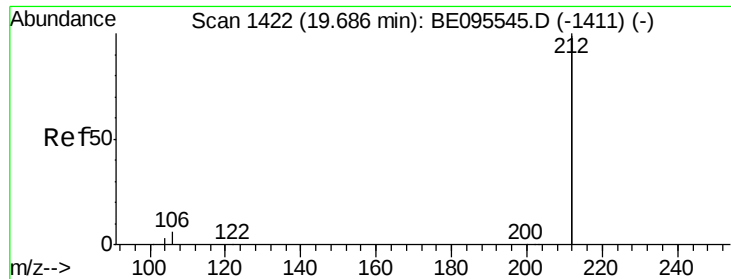
Sohil
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#24
Anthracene
Concen: 0.084 ng
RT: 17.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	12.8	19.2#
179	15.1	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.69 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

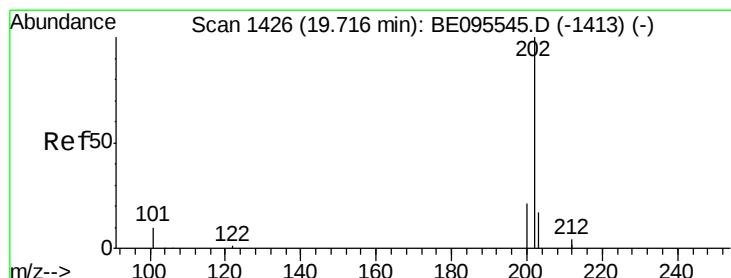
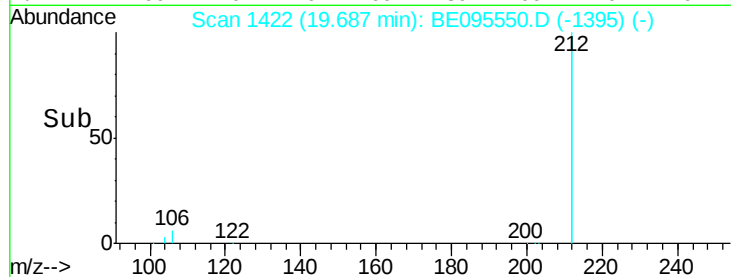
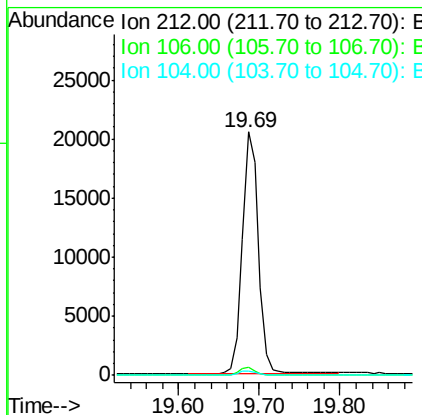
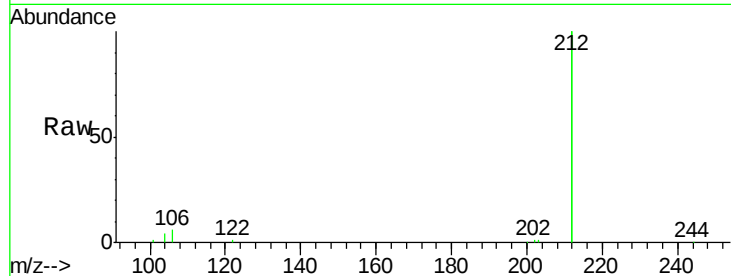
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	212	Resp:	27892
Ion Ratio	Lower	Upper	
212	100		
106	2.9	2.8	4.2
104	1.7	1.6	2.4

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#26

Fluoranthene

Concen: 0.087 ng

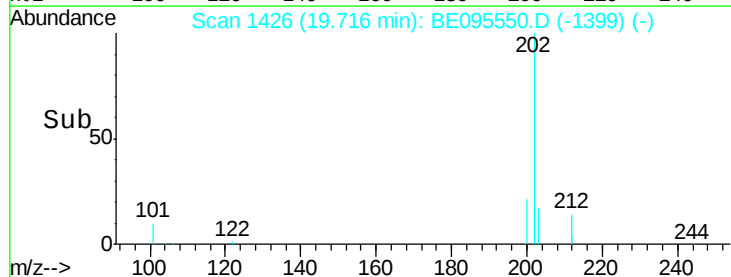
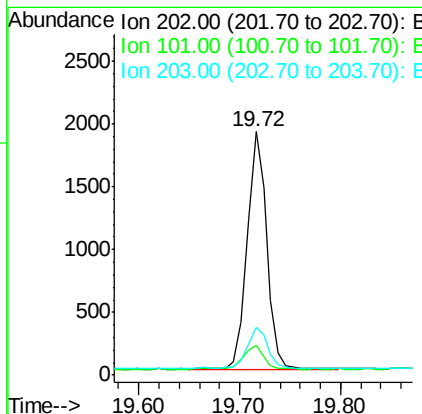
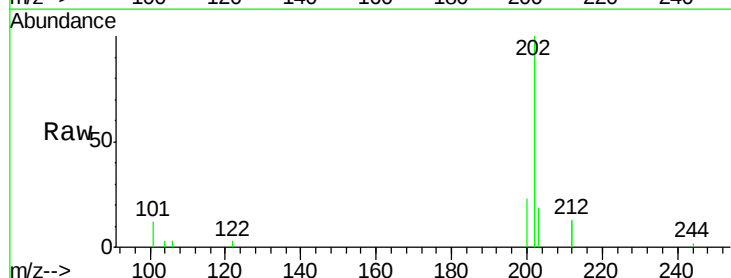
RT: 19.72 min Scan# 1426

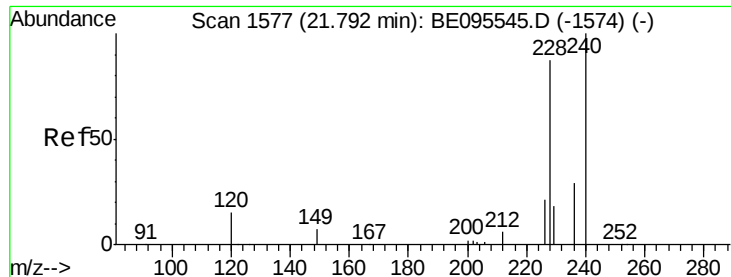
Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	202	Resp:	2550
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.8	14.8
203	18.2	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:240 Resp: 7842

Ion Ratio Lower Upper

240 100

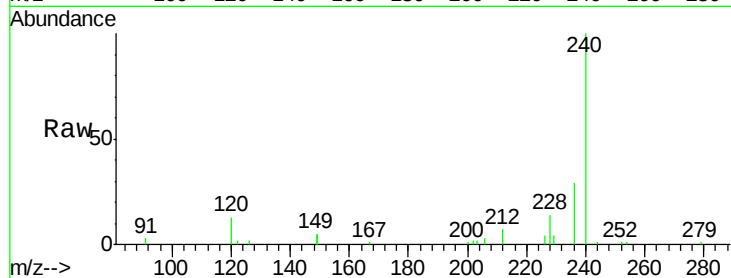
120 13.0 5.5 8.3#

236 28.9 20.7 31.1

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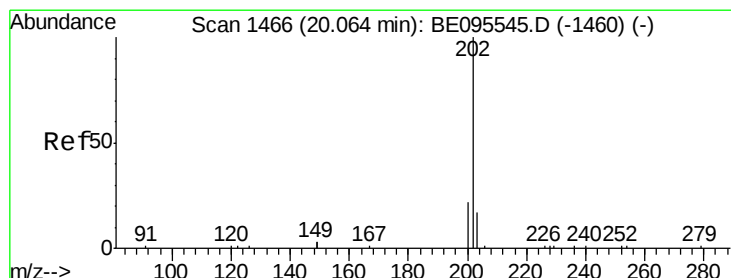
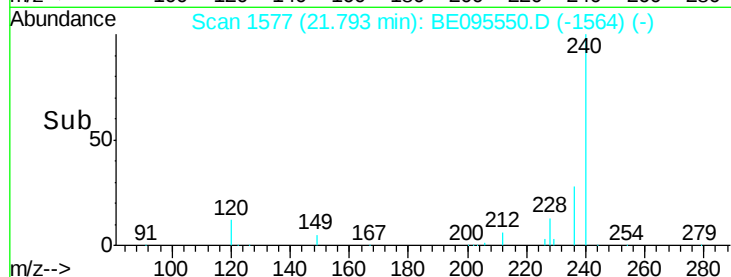
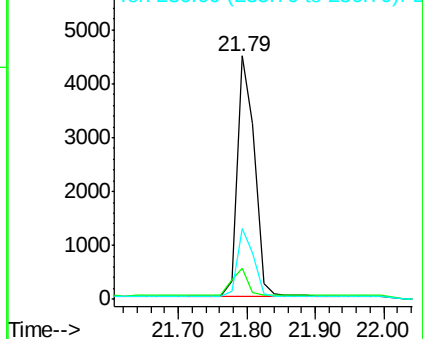
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.095 ng

RT: 20.07 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

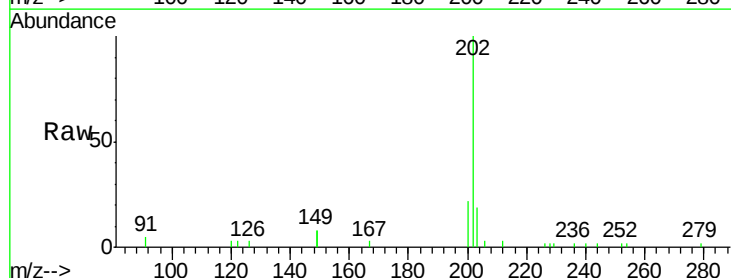
Tgt Ion:202 Resp: 3144

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

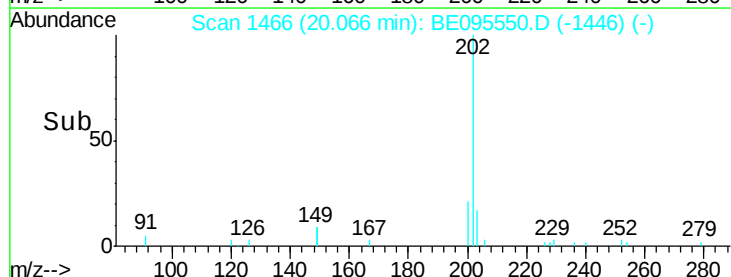
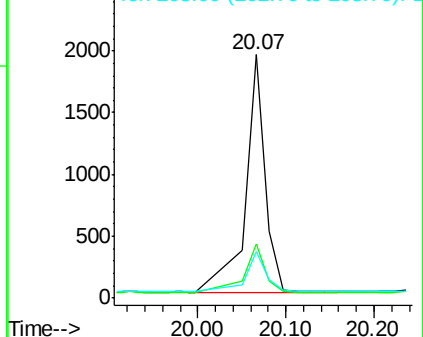
203 18.3 13.8 20.8

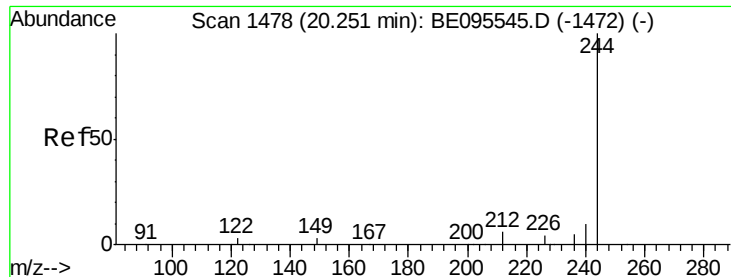


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.301 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

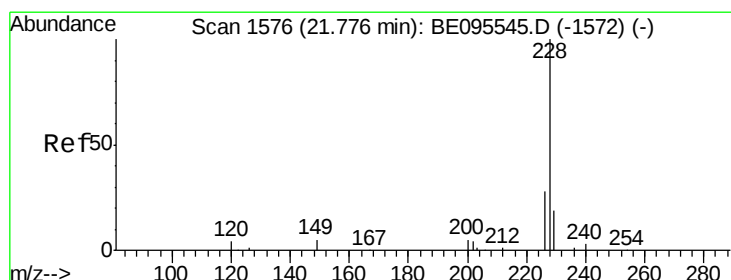
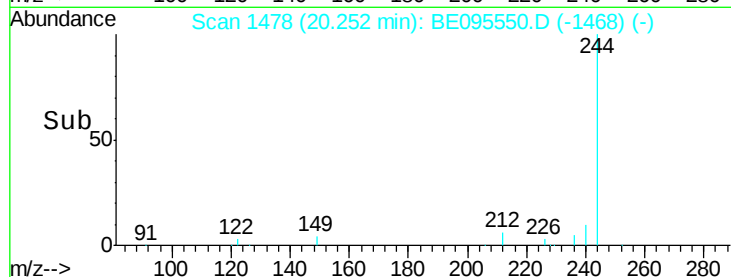
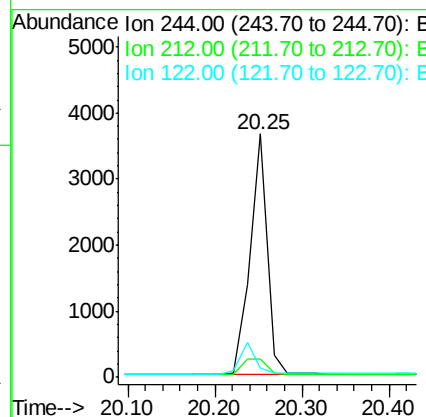
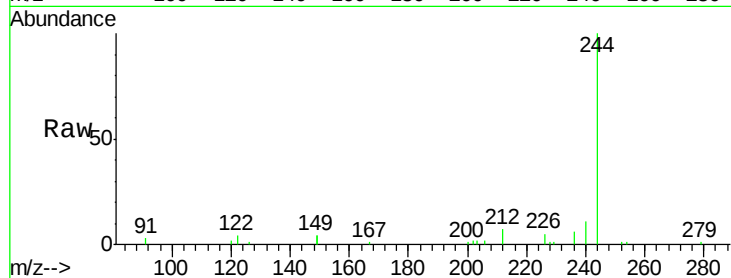
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	244	Resp:	5028
Ion Ratio	Lower	Upper	
244	100		
212	7.3	25.4	38.0#
122	4.0	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.087 ng

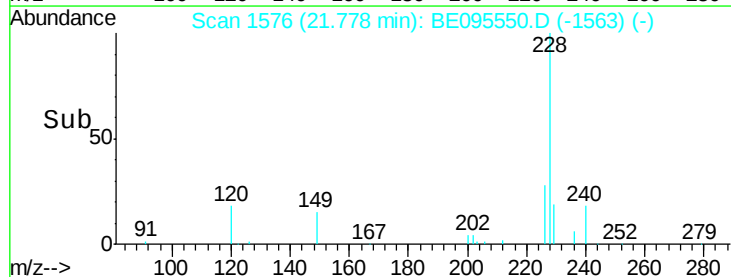
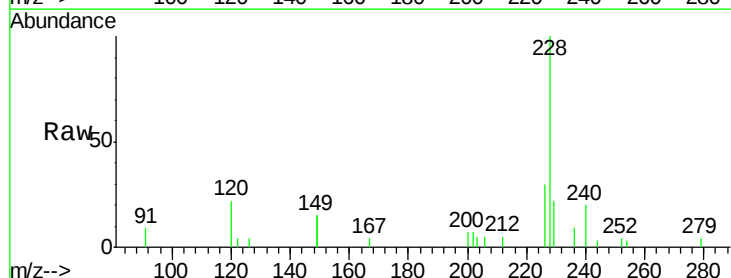
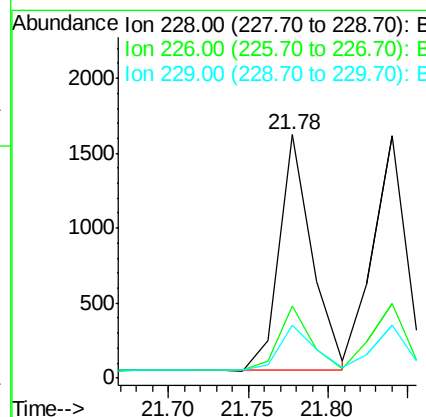
RT: 21.78 min Scan# 1576

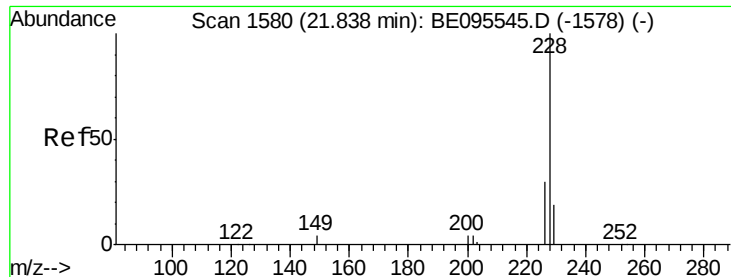
Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	228	Resp:	2264
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	21.9	16.0	24.0





#31

Chrysene

Concen: 0.088 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

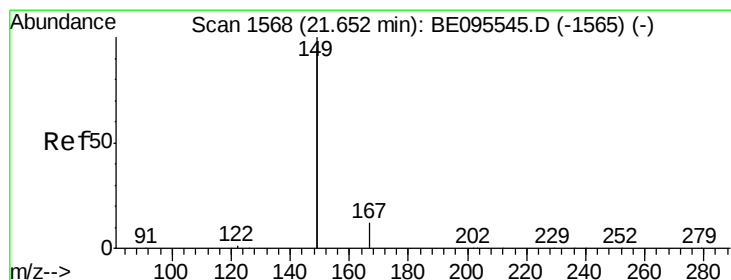
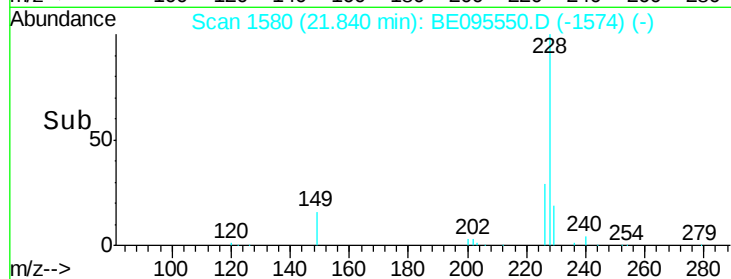
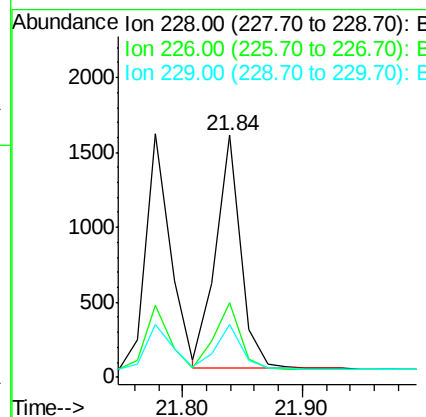
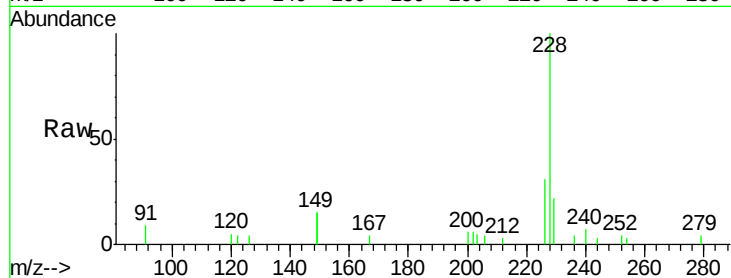
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	228	Resp:	2262
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	21.9	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng

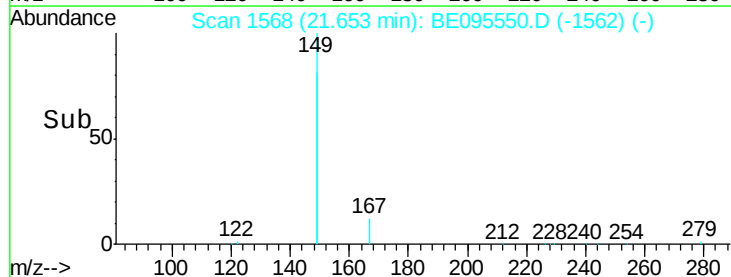
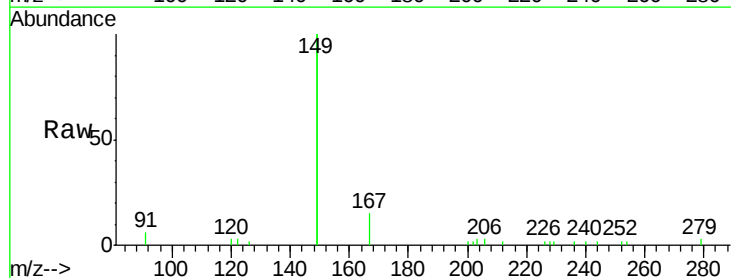
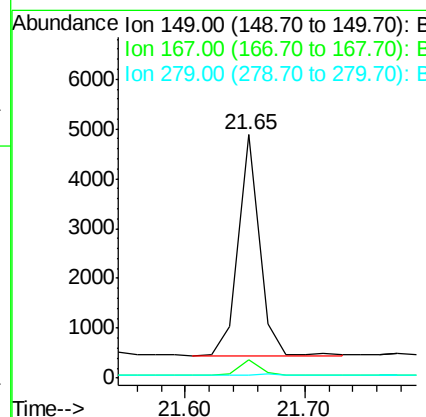
RT: 21.65 min Scan# 1568

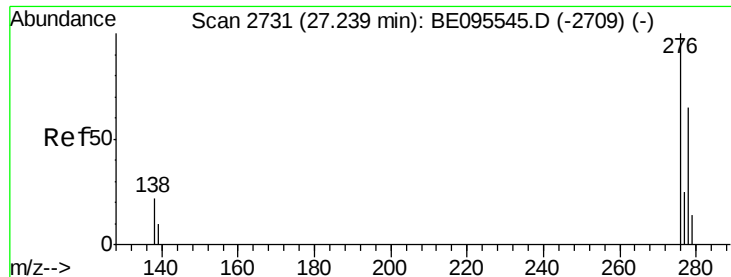
Delta R.T. 0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	149	Resp:	5371
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	1.0	0.7	1.1





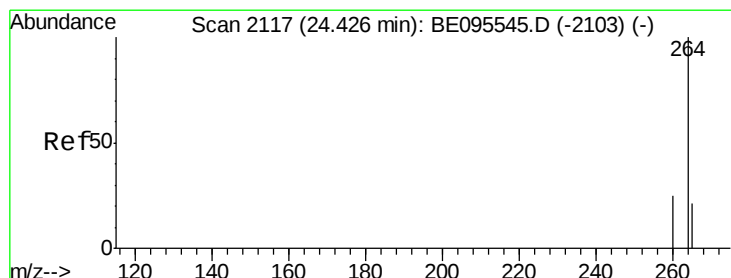
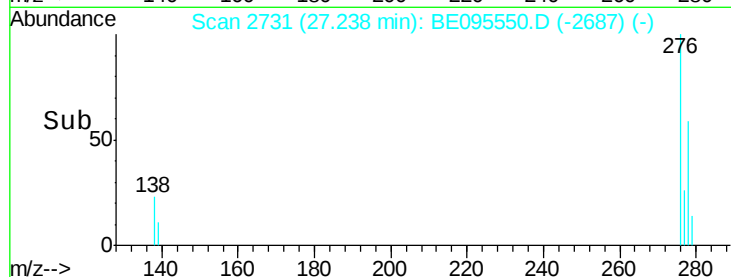
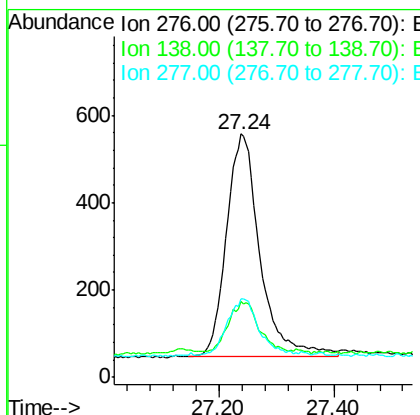
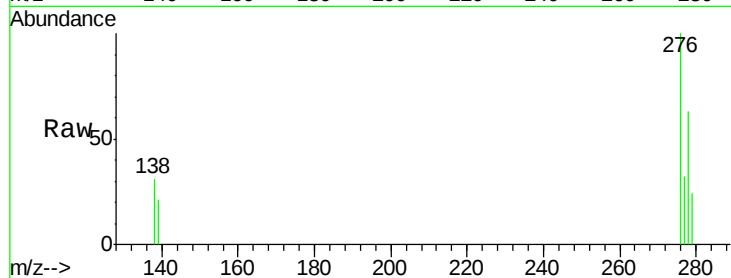
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 27.24 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.5	33.7#
277	24.0	19.9	29.9

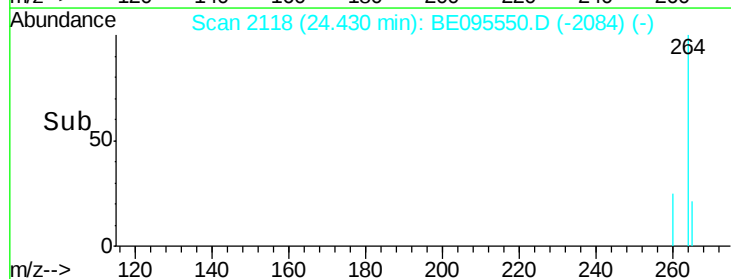
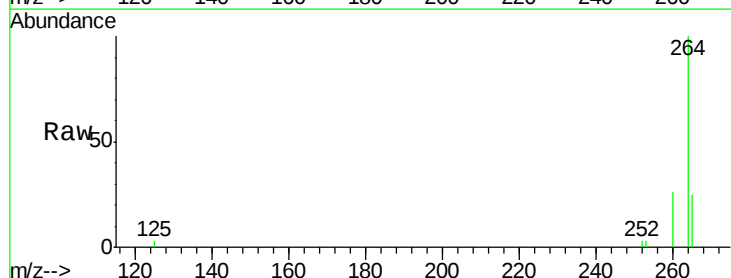
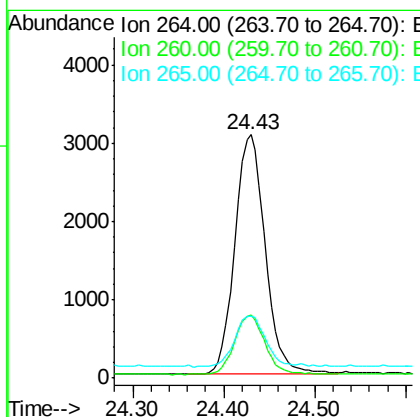
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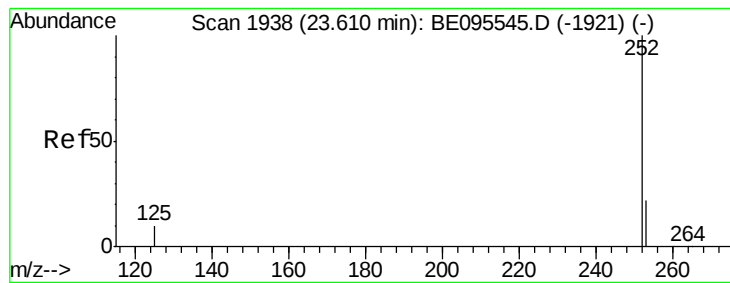
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	25.2	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.088 ng m

RT: 23.61 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Instrument :

BNA_E

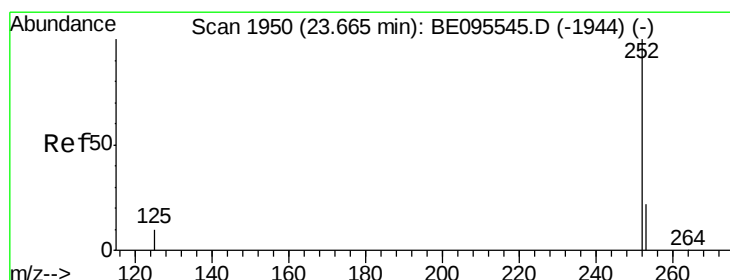
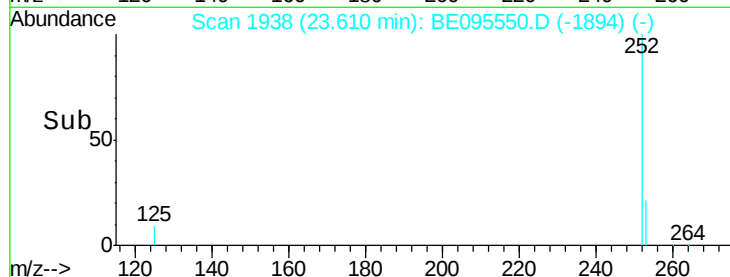
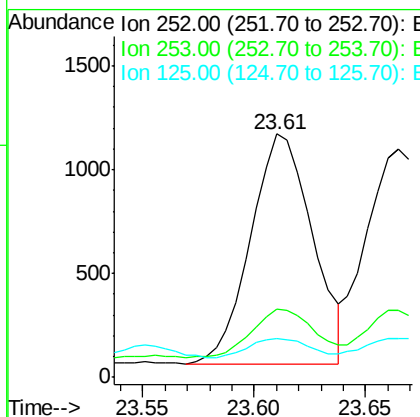
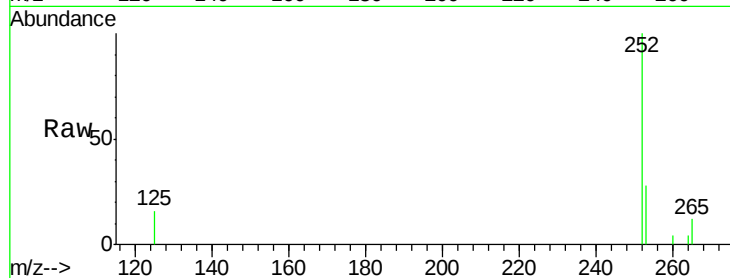
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	252	Resp:	2133
Ion Ratio	Lower	Upper	
252	100		
253	27.9	20.0	30.0
125	15.8	16.0	24.0#

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#36

Benzo(k)fluoranthene

Concen: 0.083 ng m

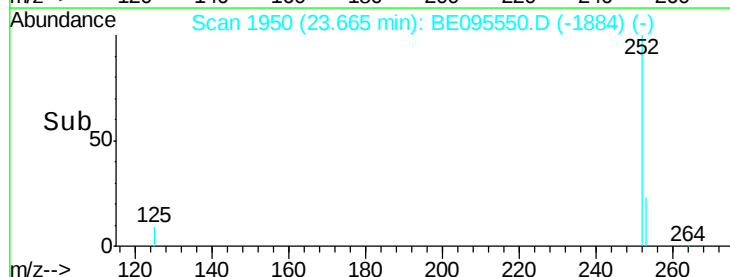
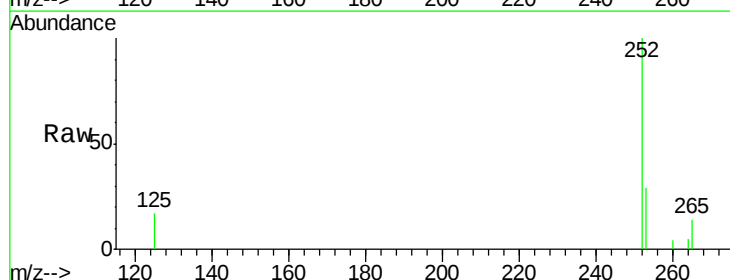
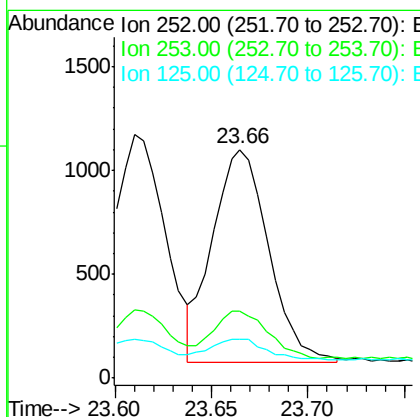
RT: 23.66 min Scan# 1950

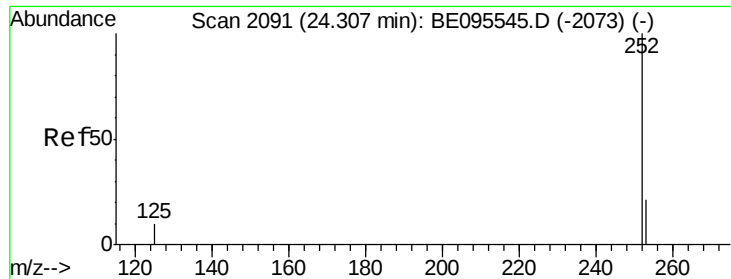
Delta R.T. -0.00 min

Lab File: BE095550.D

Acq: 7 Feb 2018 12:54

Tgt Ion:	252	Resp:	2071
Ion Ratio	Lower	Upper	
252	100		
253	29.5	16.0	24.0#
125	16.7	8.0	12.0#





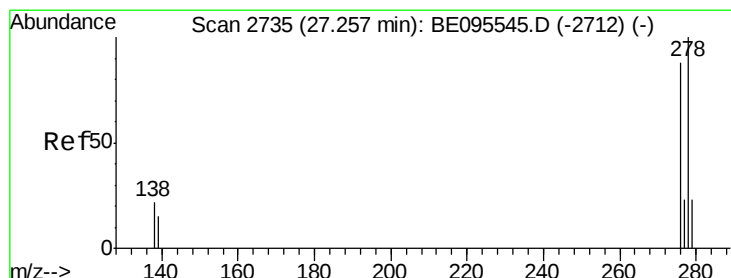
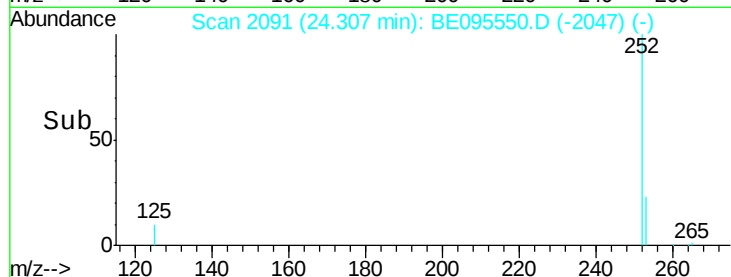
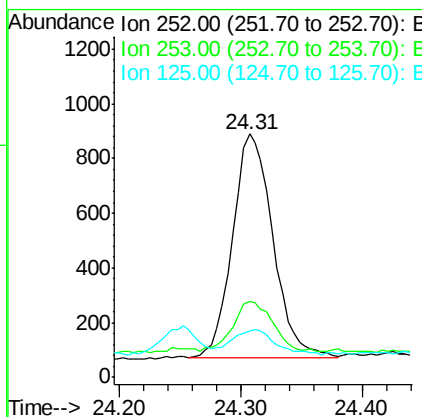
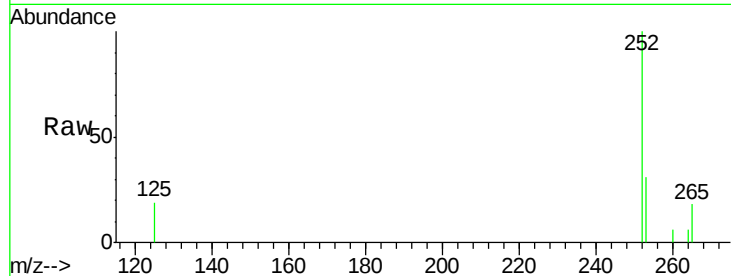
#37
Benzo(a)pyrene
Concen: 0.084 ng
RT: 24.31 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.3	16.0	24.0#
125	18.9	12.0	18.0#

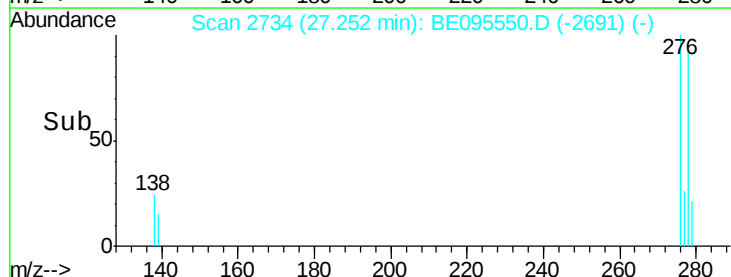
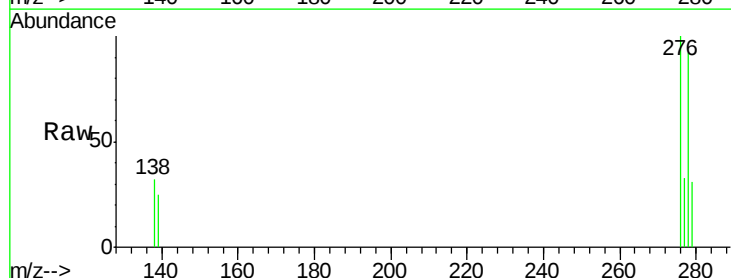
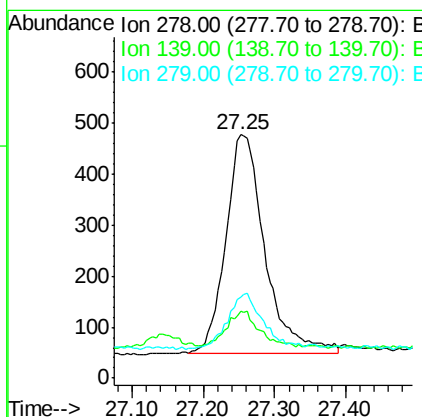
Manual Integrations
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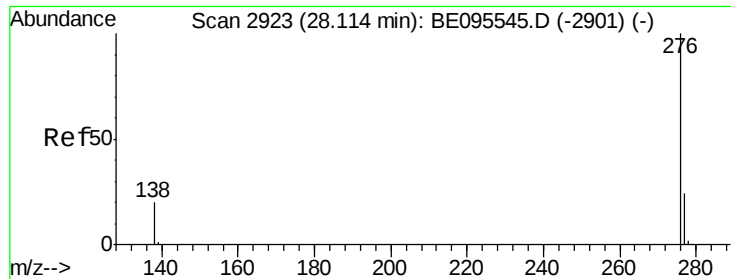
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#38
Dibenzo(a,h)anthracene
Concen: 0.082 ng
RT: 27.25 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE095550.D
Acq: 7 Feb 2018 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	16.0	24.0#
279	33.5	20.0	30.0#





#39
 Benzo(a,h,i)perylene
 Concen: 0.081 ng
 RT: 28.11 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BE095550.D
 Acq: 7 Feb 2018 12:54

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.2	16.0	24.0
138	29.8	20.0	30.0

Manual Integrations
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