

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101038.D
 Acq On : 13 Jan 2020 14:46
 Operator : JU
 Sample : K3591-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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 1/14/2020 12:23:52 PM

Quant Time: Jan 13 16:39:10 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jan 13 16:31:01 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3131	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13953	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8744	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19052	0.40	ng	0.00
27) Chrysene-d12	21.28	240	13499	0.40	ng	0.00
34) Perylene-d12	23.70	264	13783	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.33	112	2146	0.30	ng	0.00
5) Phenol-d6	6.92	99	2198	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2270	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	8442	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	459	0.19	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	12635	0.38	ng	0.00
25) Fluoranthene-d10	19.13	212	72127	0.27	ng	0.00
29) Terphenyl-d14	19.74	244	14688	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	1121	0.140	ng	# 70
3) n-Nitrosodimethylamine	3.61	42	271	0.062	ng	# 1
6) bis(2-Chloroethyl)ether	7.17	93	643	0.061	ng	84
9) Naphthalene	10.56	128	13640	0.088	ng	# 97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng	98
12) 2-Methylnaphthalene	12.19	142	1944	0.083	ng	97
16) Acenaphthylene	14.08	152	2057	0.058	ng	97
17) Acenaphthene	14.43	154	2006	0.079	ng	99
18) Fluorene	15.41	166	2409	0.075	ng	95
20) 4-Bromophenyl-phenylether	16.32	248	659	0.071	ng	89
21) Hexachlorobenzene	16.41	284	819	0.080	ng	98
22) Pentachlorophenol	16.76	266	251	0.100	ng	91
23) Phenanthrene	17.15	178	3929	0.076	ng	97
24) Anthracene	17.24	178	4143m	0.084	ng	
26) Fluoranthene	19.16	202	4686	0.072	ng	100
28) Pyrene	19.52	202	4534	0.090	ng	99
30) Benzo(a)anthracene	21.27	228	2635m	0.068	ng	
31) Chrysene	21.32	228	5447	0.095	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	5339	0.083	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.25	276	3108	0.069	ng	# 76
35) Benzo(b)fluoranthene	22.96	252	2582	0.067	ng	# 84
36) Benzo(k)fluoranthene	23.01	252	5041m	0.090	ng	
37) Benzo(a)pyrene	23.60	252	2697	0.072	ng	# 73
38) Dibenzo(a,h)anthracene	26.27	278	2798m	0.081	ng	
39) Benzo(g,h,i)perylene	27.02	276	3312	0.078	ng	# 89

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

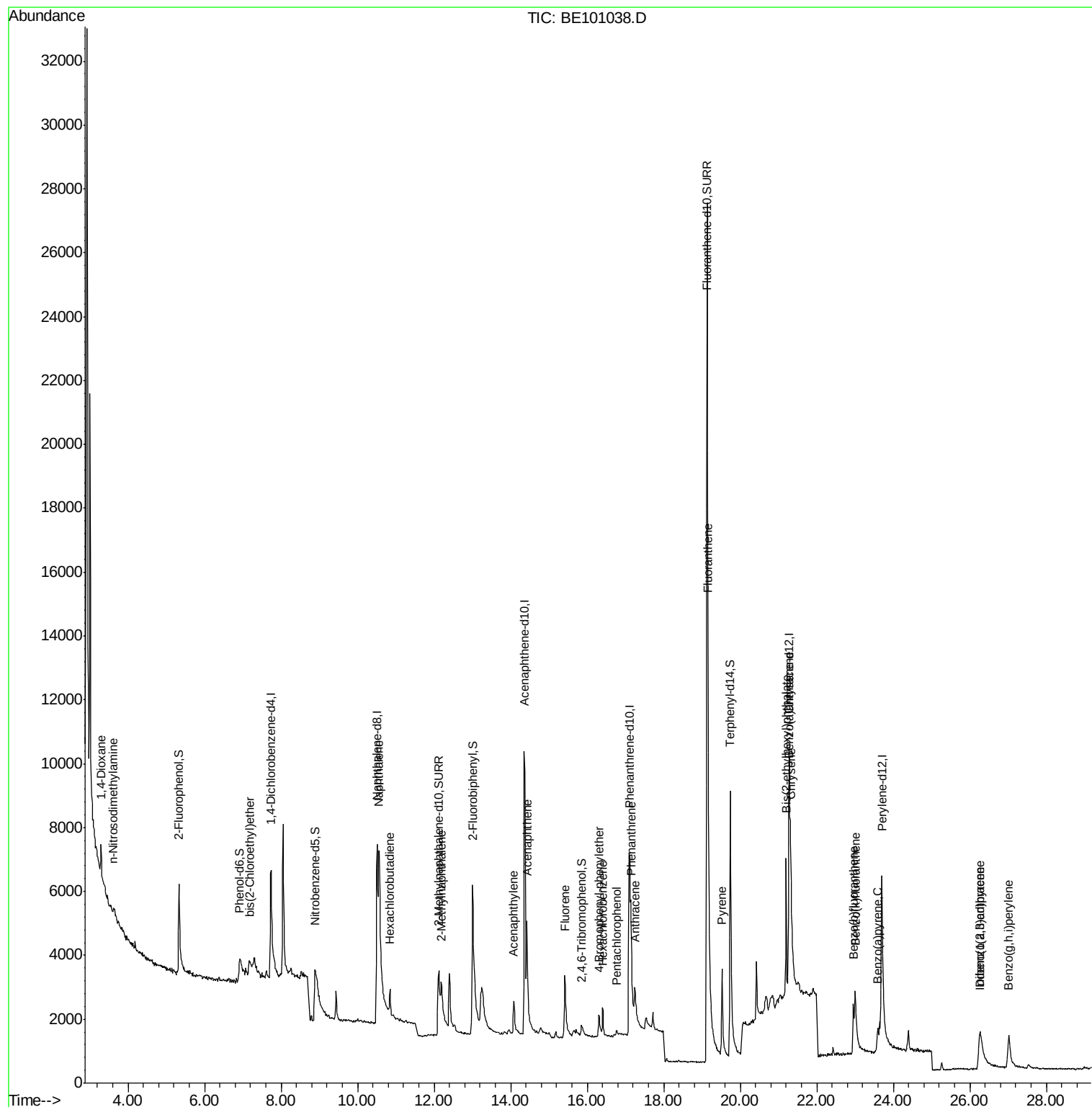
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101038.D
Acq On : 13 Jan 2020 14:46
Operator : JU
Sample : K3591-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

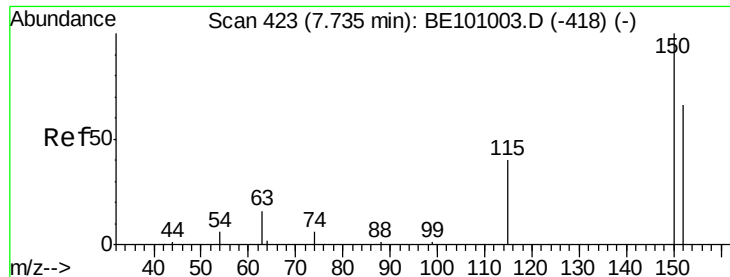
Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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Quant Time: Jan 13 16:39:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

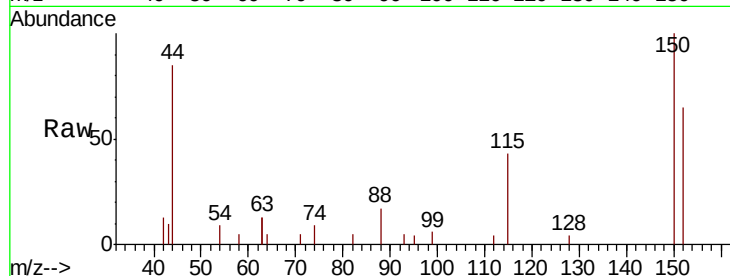
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	120.3	180.5
115	66.0	51.7	77.5

Manual Integrations
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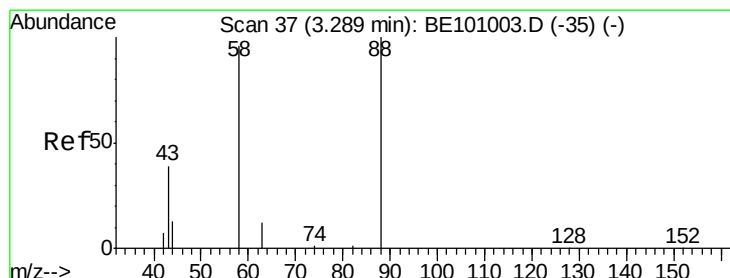
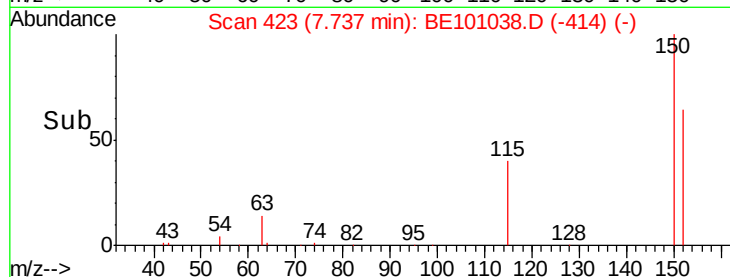
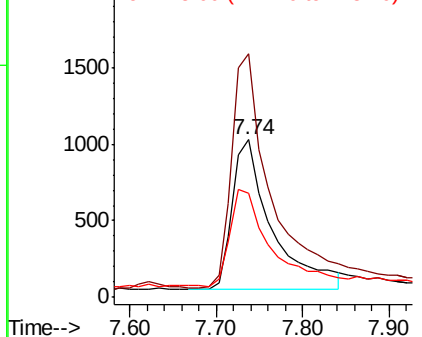


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

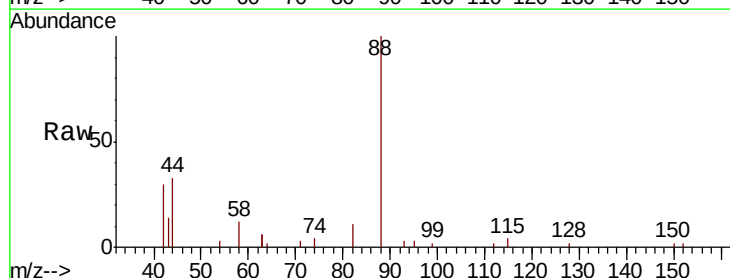
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.140 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	38.9	53.0	79.4#
43	18.5	23.4	35.2#

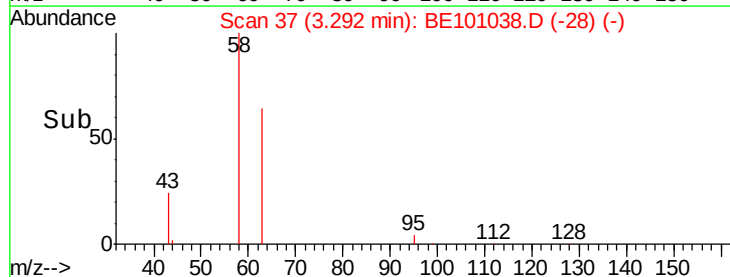
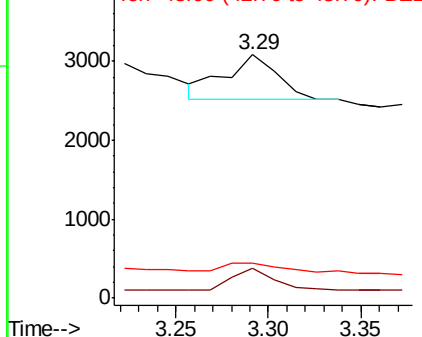


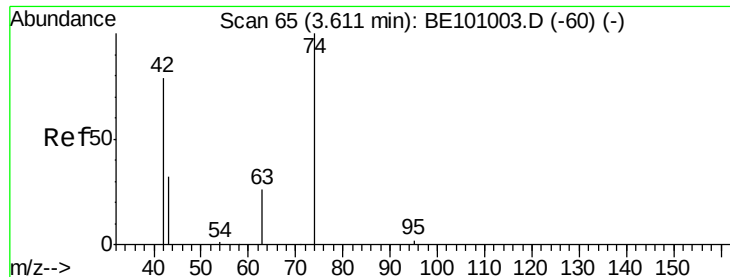
Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

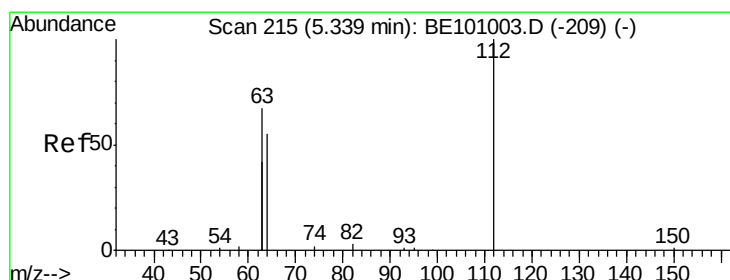
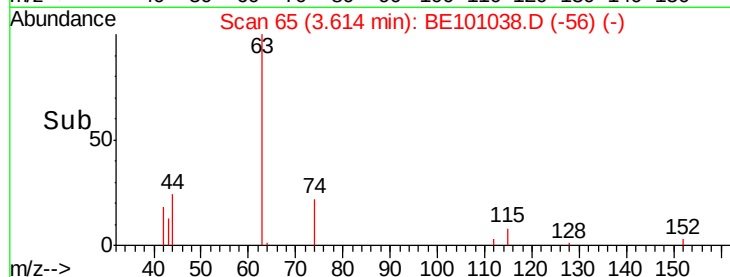
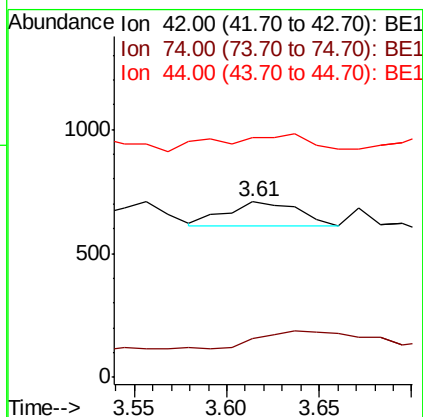
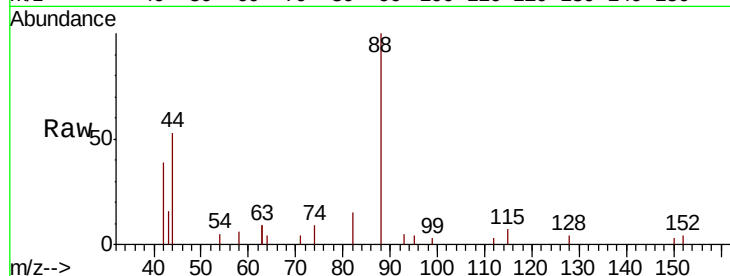
n-Nitrosodimethylamine
 Concen: 0.062 ng
 RT: 3.61 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.7	158.5#
44	0.0	10.0	15.0#

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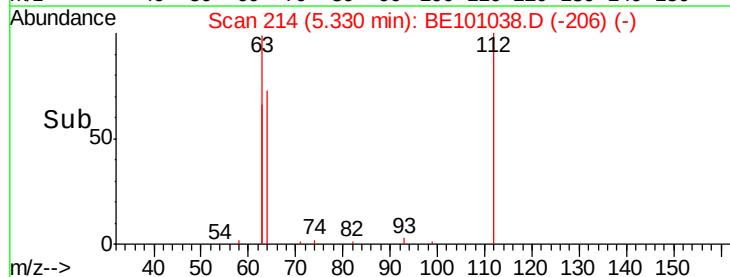
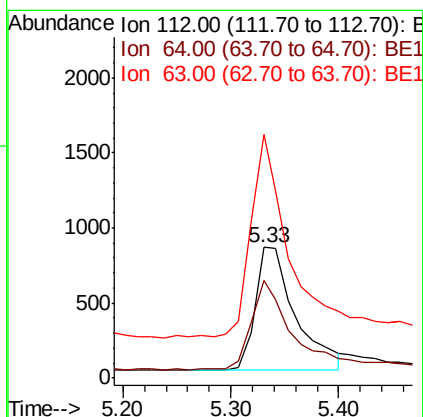
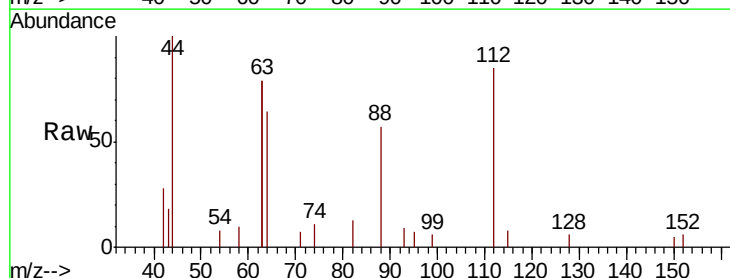
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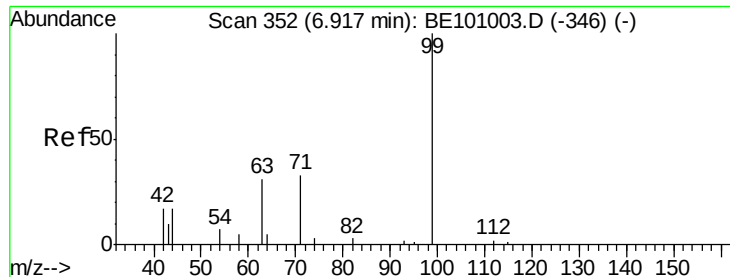


#4

2-Fluorophenol
 Concen: 0.305 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.6	80.4
63	151.7	114.6	172.0





#5

Phenol-d6

Concen: 0.247 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

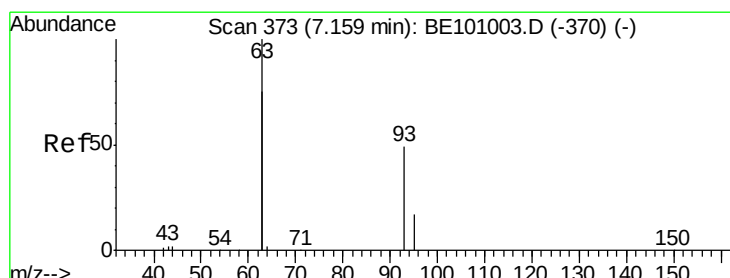
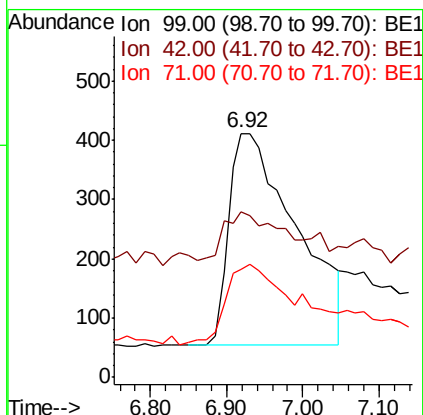
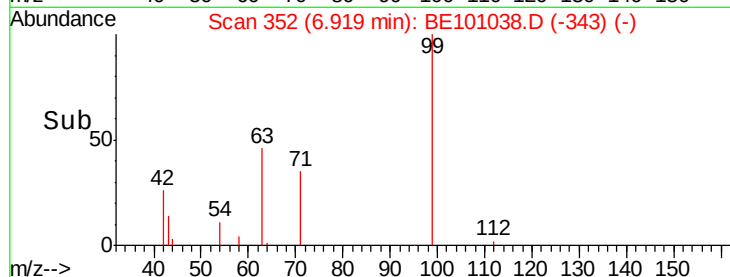
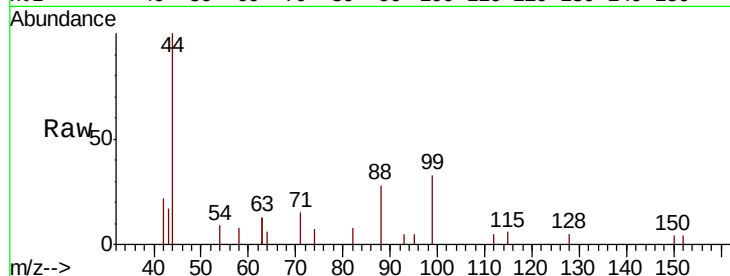
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:	99	Resp:	2198
Ion	Ratio	Lower	Upper
99	100		
42	18.6	18.3	27.5
71	38.0	28.0	42.0

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.061 ng

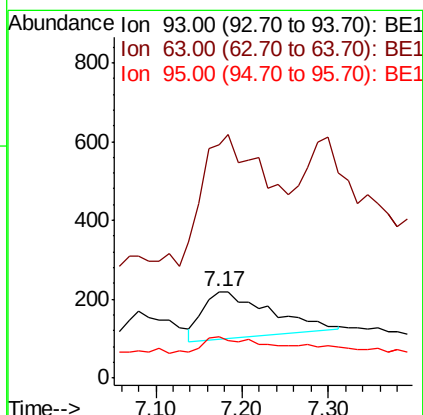
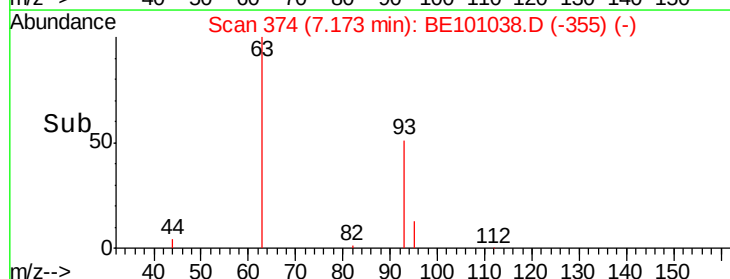
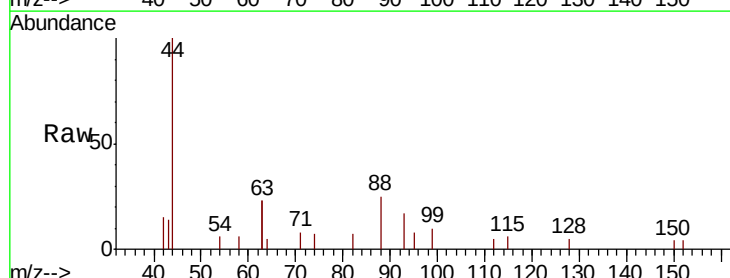
RT: 7.17 min Scan# 374

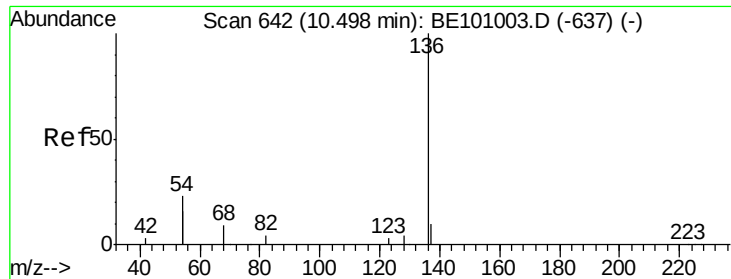
Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Tgt Ion:	93	Resp:	643
Ion	Ratio	Lower	Upper
93	100		
63	261.0	233.9	350.9
95	24.4	23.5	35.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

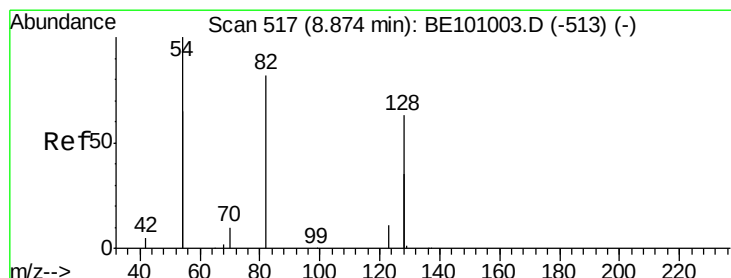
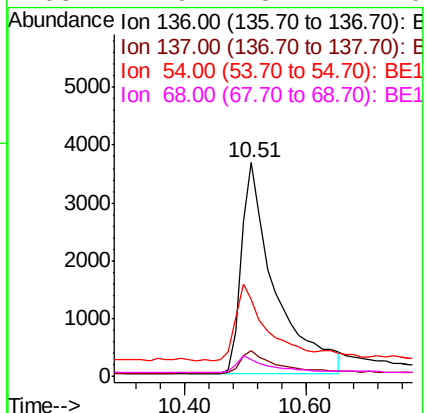
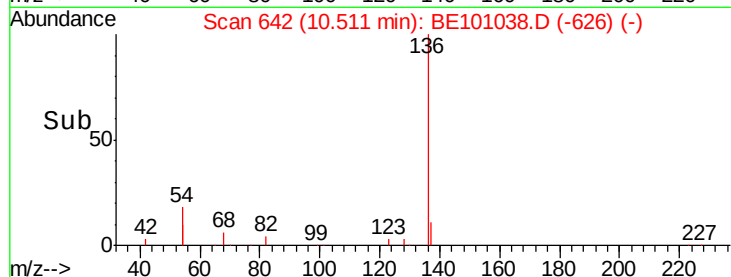
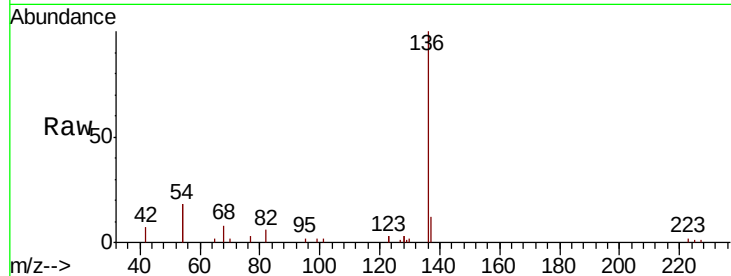
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	36.1	36.8	55.2#
68	7.9	8.4	12.6#

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.227 ng

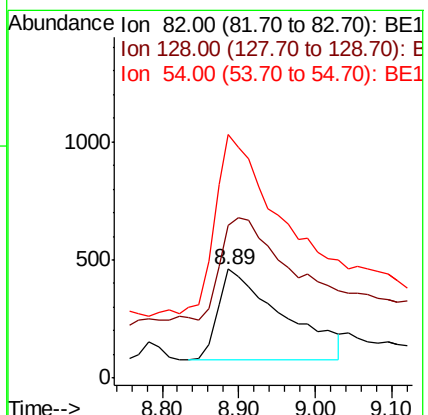
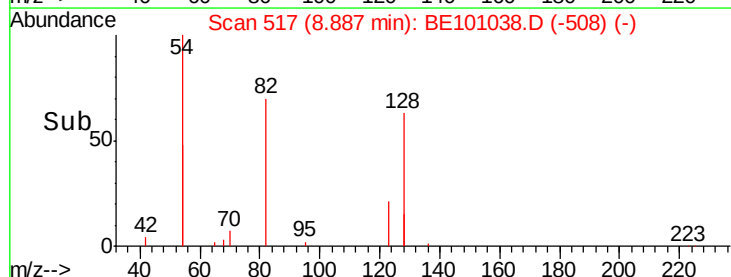
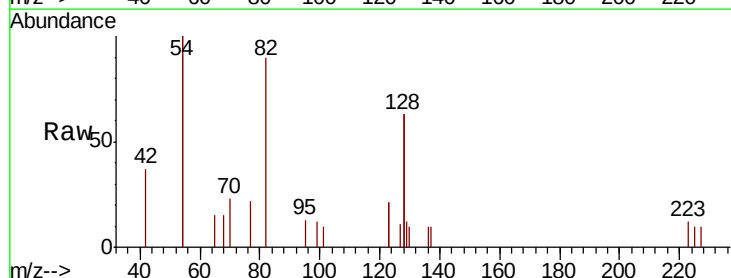
RT: 8.89 min Scan# 517

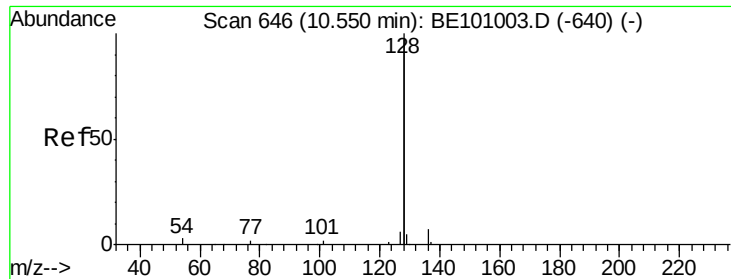
Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	140.1	109.8	164.6
54	223.4	174.5	261.7





#9

Naphthalene

Concen: 0.088 ng

RT: 10.56 min Scan# 646

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

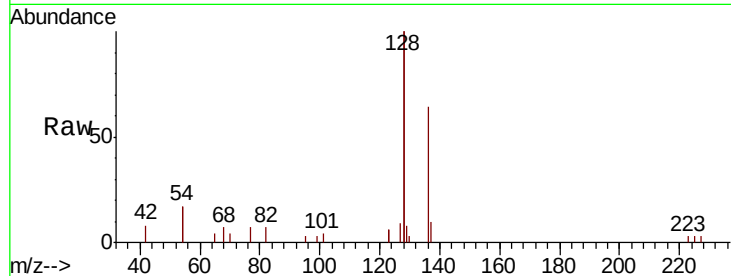
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

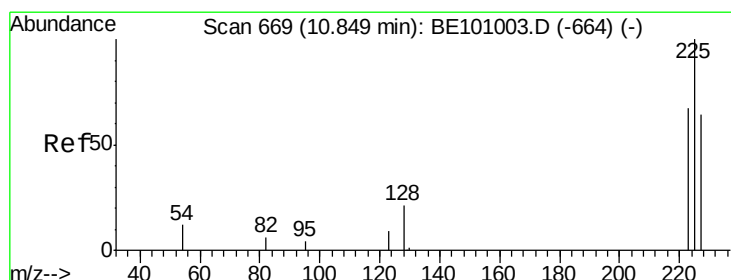
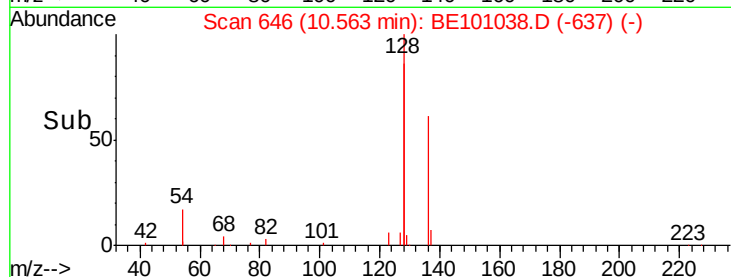
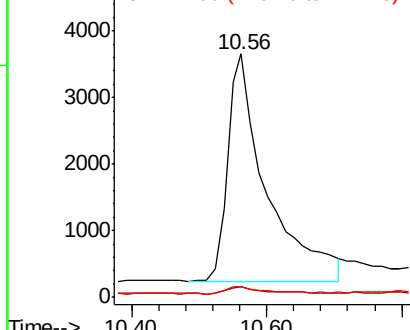
Tot Ion:	128	Resp:	13640
Ion Ratio	Lower	Upper	
128	100		
129	4.1	2.3	3.5#
127	4.3	2.7	4.1#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.085 ng

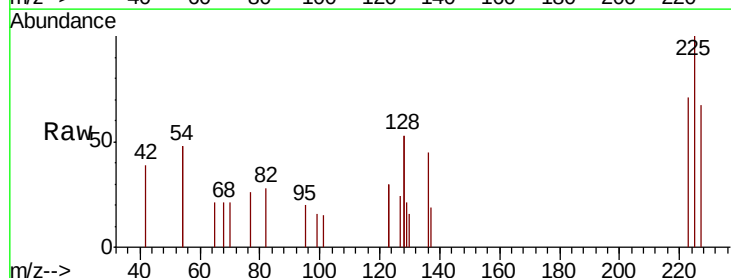
RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

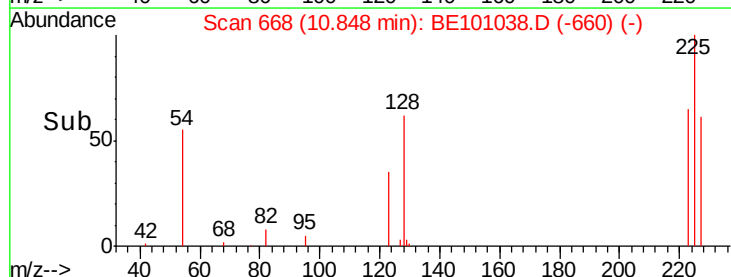
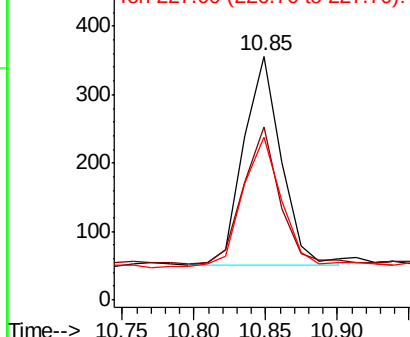
Lab File: BE101038.D

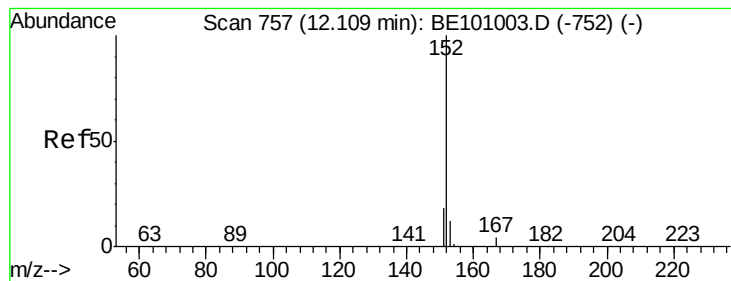
Acq: 13 Jan 2020 14:46

Tgt Ion:	225	Resp:	556
Ion Ratio	Lower	Upper	
225	100		
223	63.3	52.2	78.4
227	63.8	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





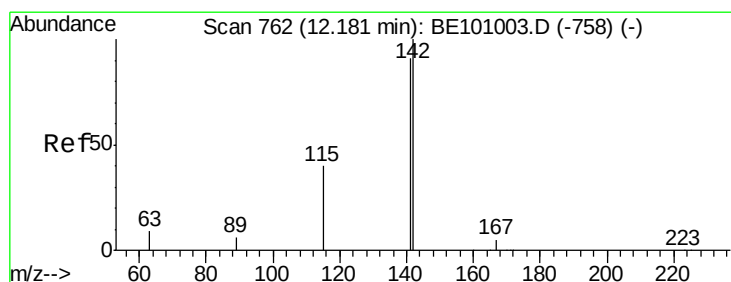
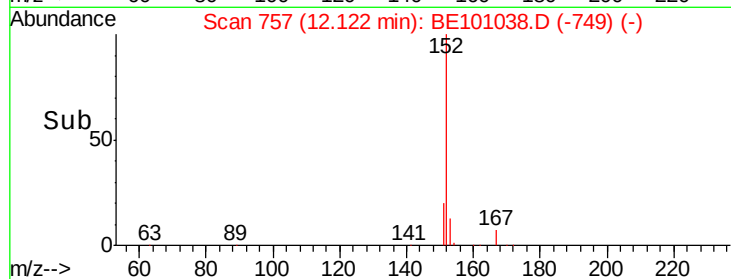
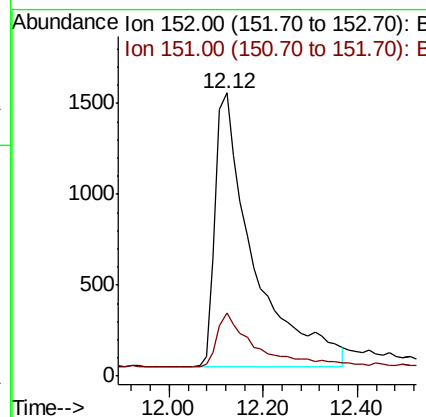
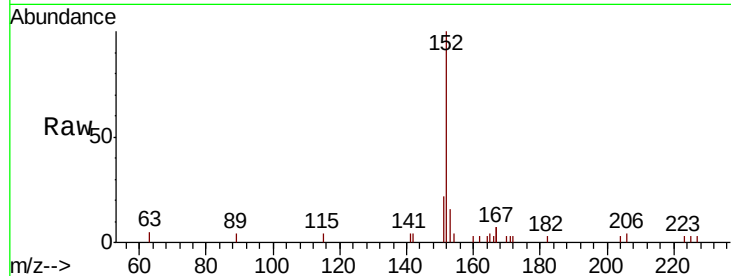
#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

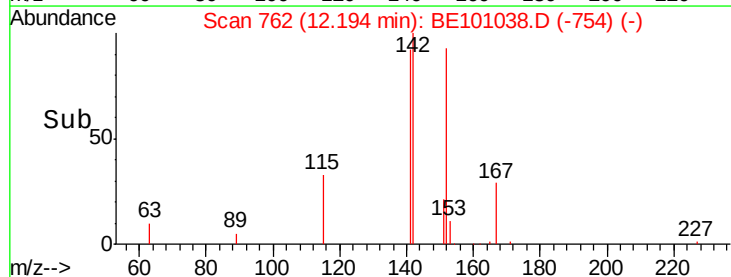
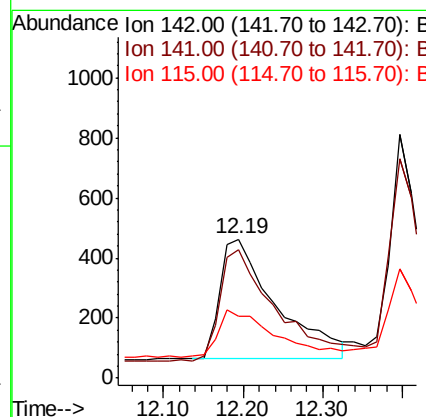
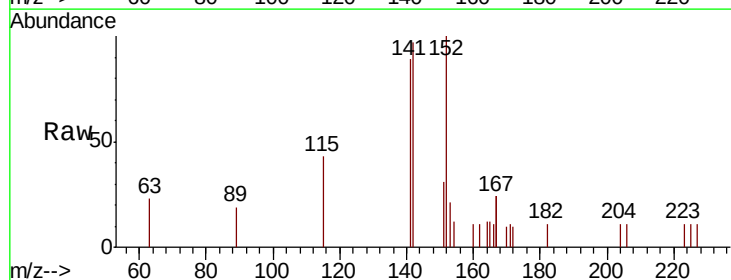
Manual Integrations
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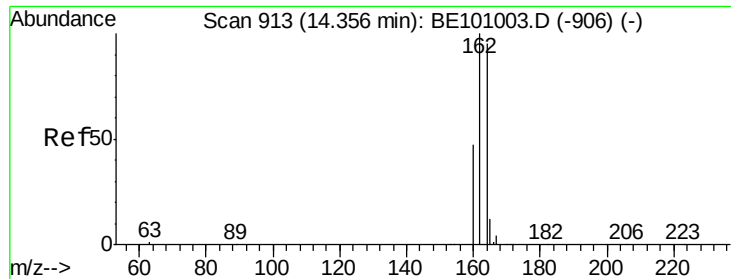
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#12
2-Methylnaphthalene
Concen: 0.083 ng
RT: 12.19 min Scan# 762
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.5	108.7
115	44.5	33.0	49.6





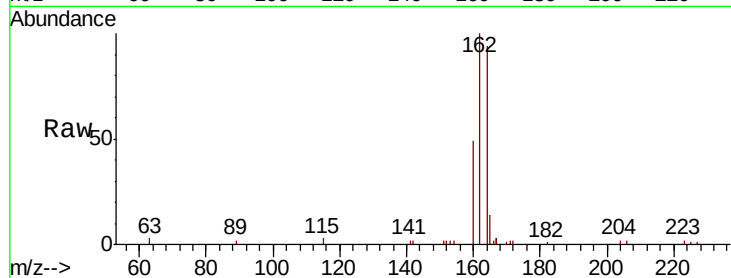
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

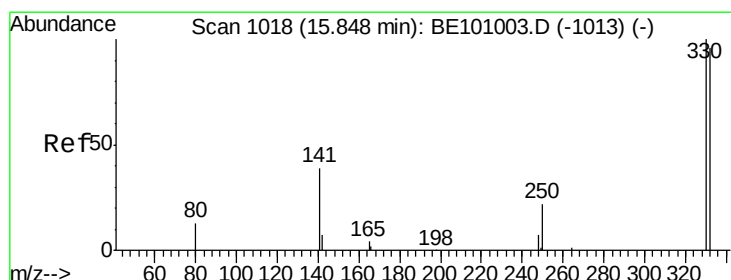
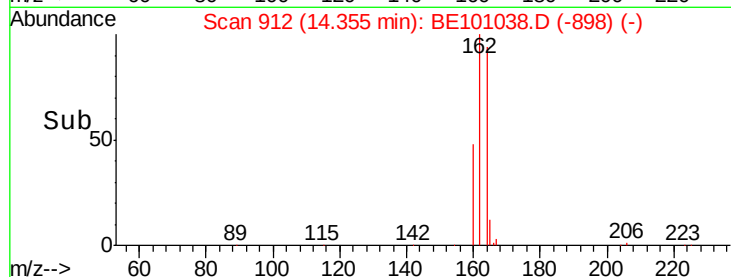
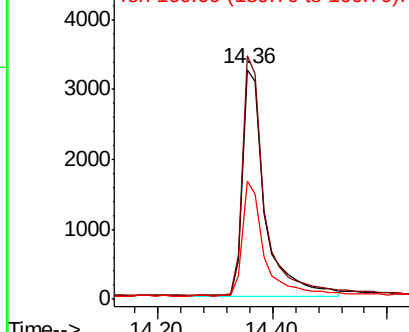
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	84.1	126.1
160	51.6	40.4	60.6

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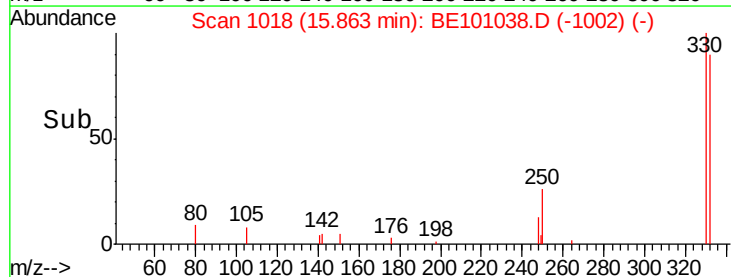
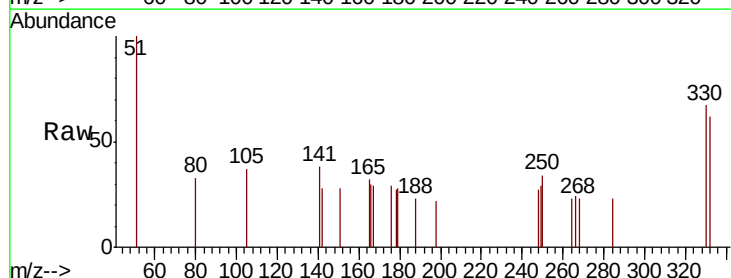
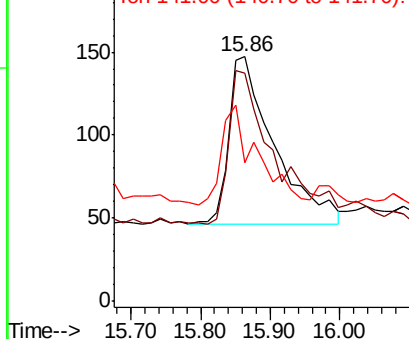
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

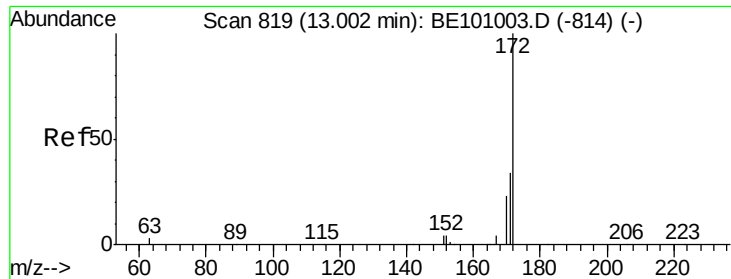


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	46.2	37.0	55.4

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





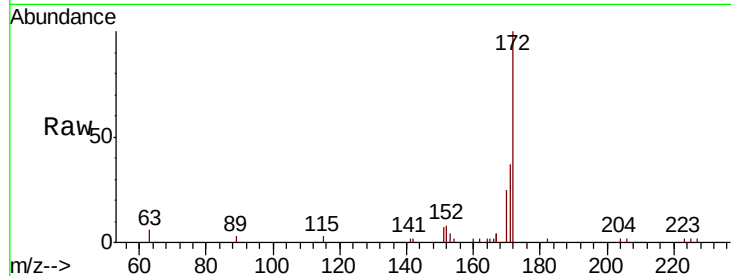
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.2	42.2
170	25.4	18.9	28.3

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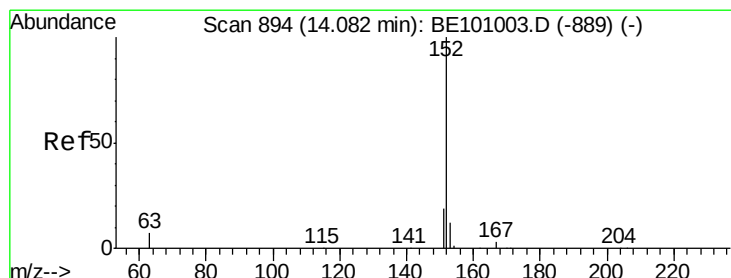
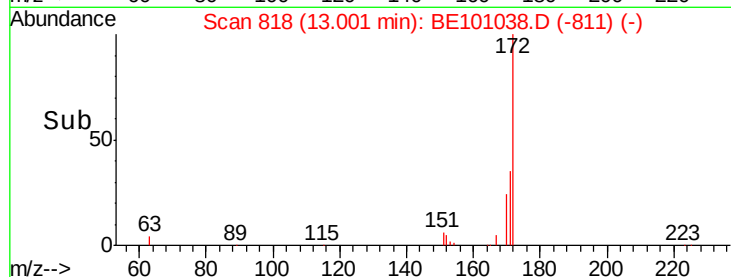
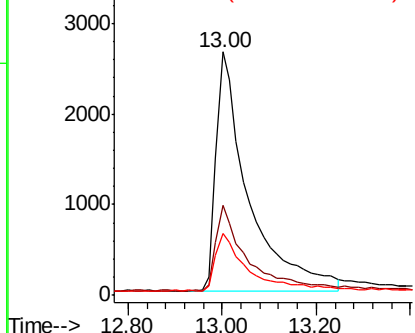


Abundance

Ion 172.00 (171.70 to 172.70): E

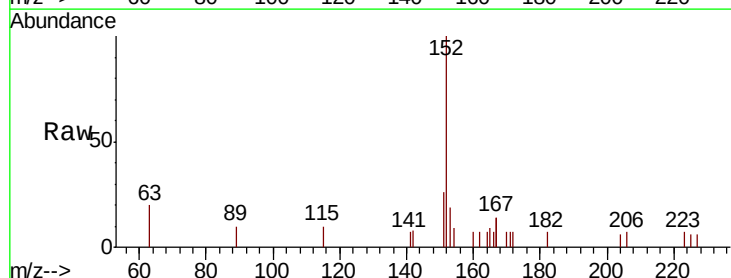
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.058 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.5	23.3
153	14.7	10.4	15.6

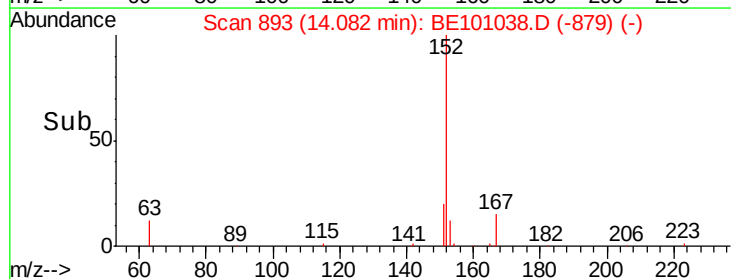
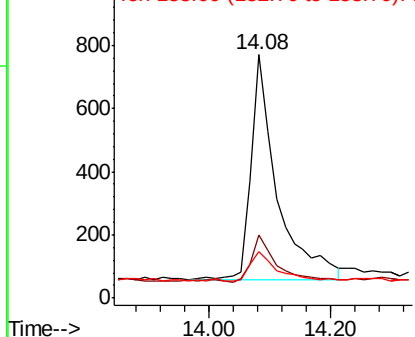


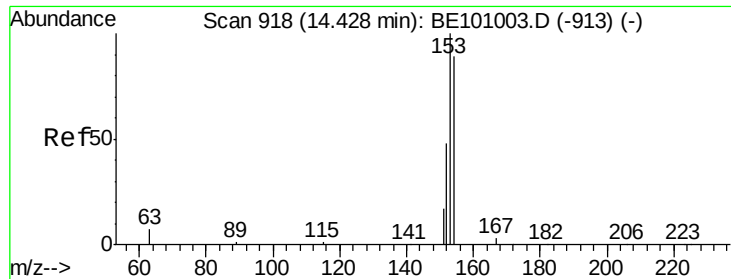
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





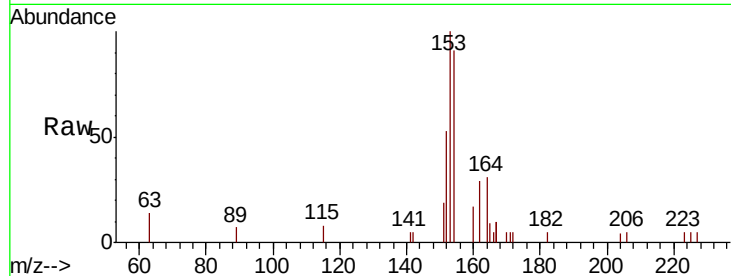
#17
Acenaphthene
Concen: 0.079 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	119.0	93.6	140.4
152	57.3	46.3	69.5

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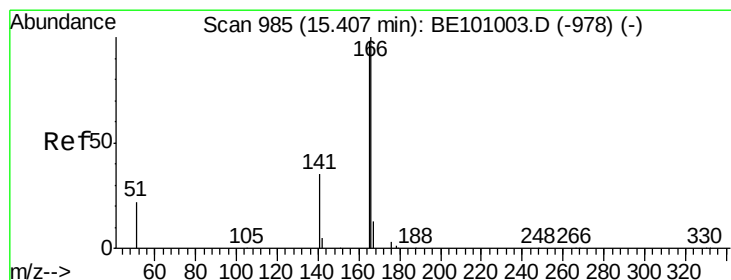
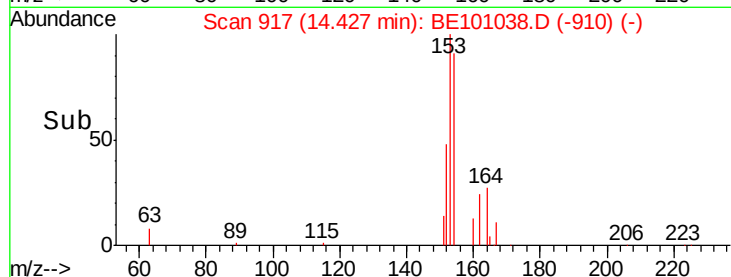
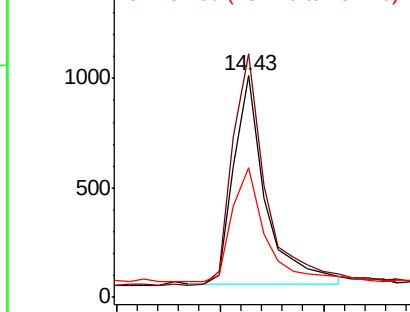


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.075 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

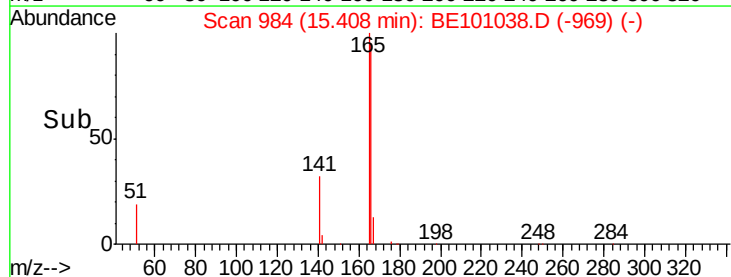
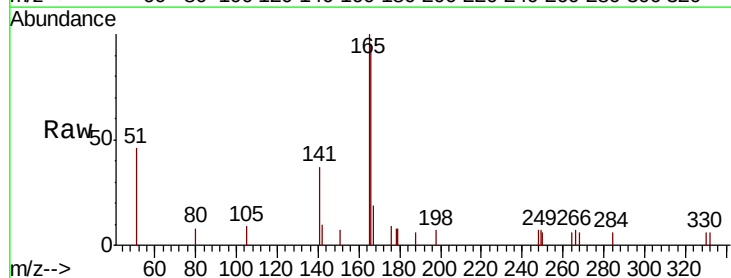
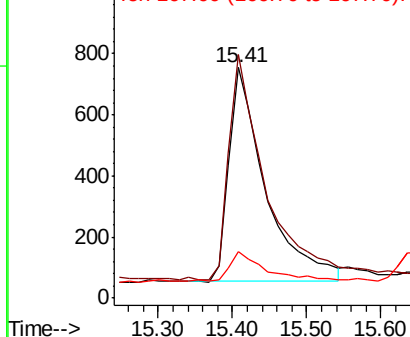
Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.4	79.8	119.8
167	13.9	11.0	16.6

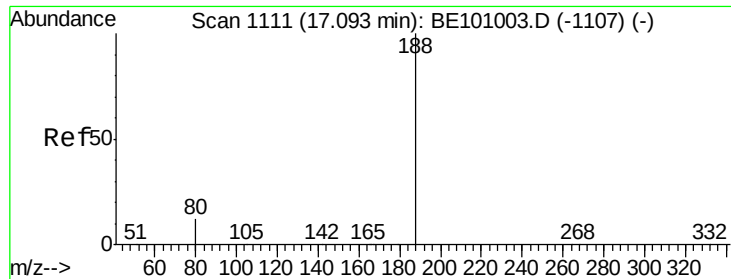
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





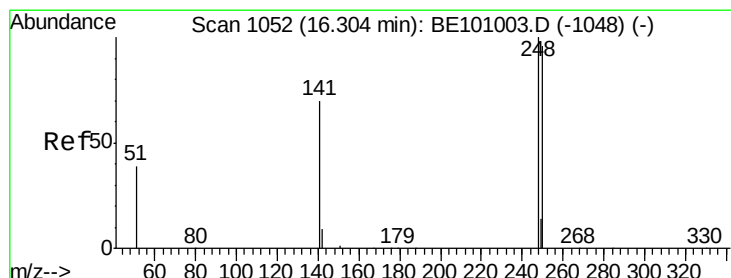
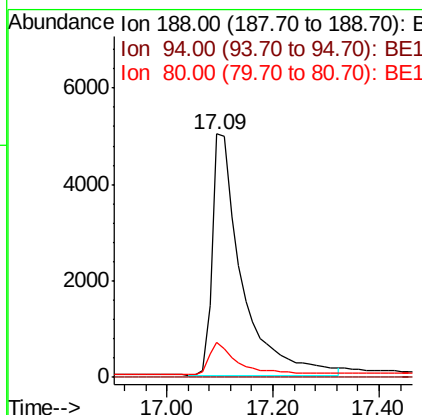
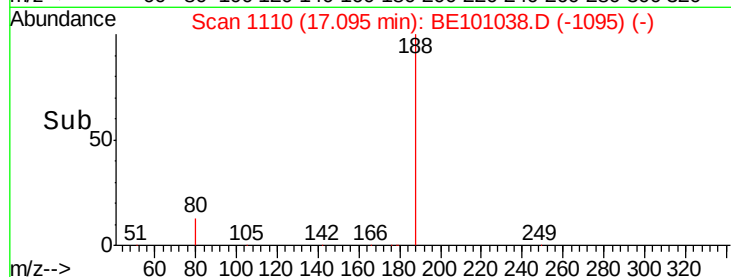
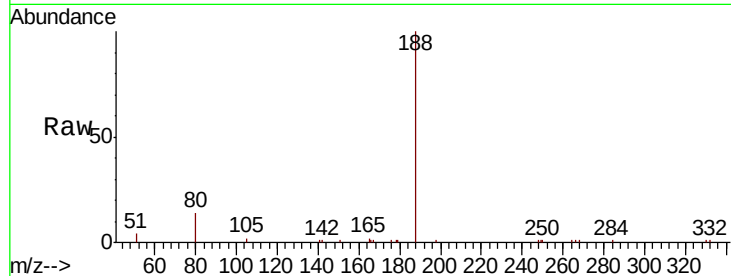
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	10.8	16.2

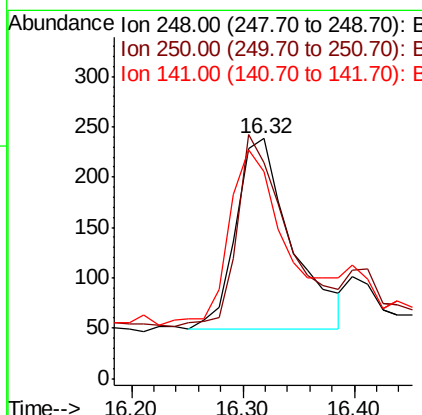
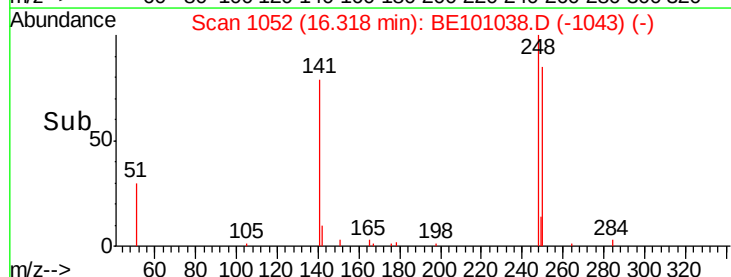
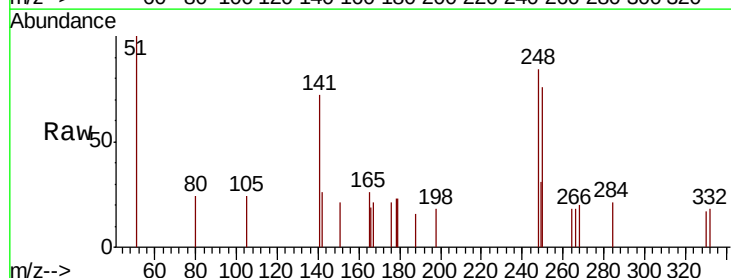
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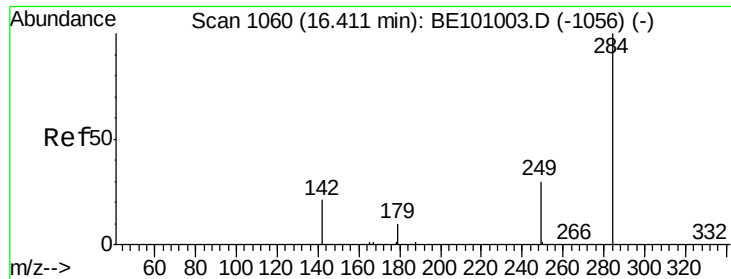
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#20
4-Bromophenyl-phenylether
Concen: 0.071 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	89.9	76.6	115.0
141	86.1	57.7	86.5





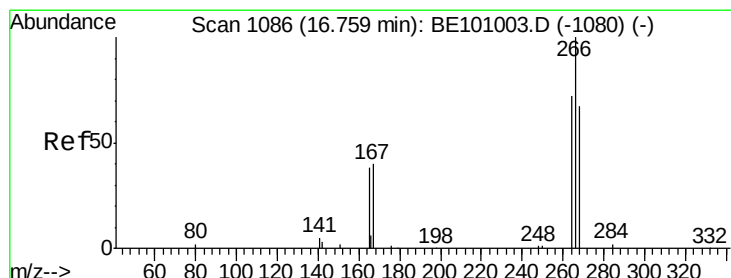
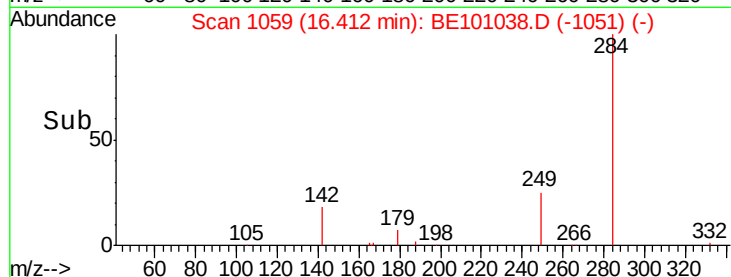
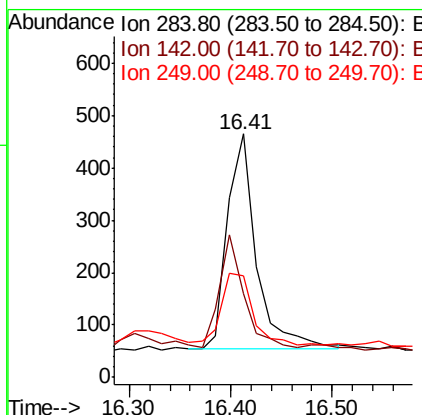
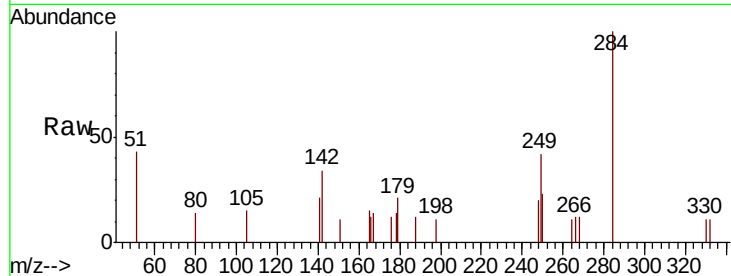
#21
Hexachlorobenzene
Concen: 0.080 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.8	34.0	51.0
249	36.8	28.2	42.4

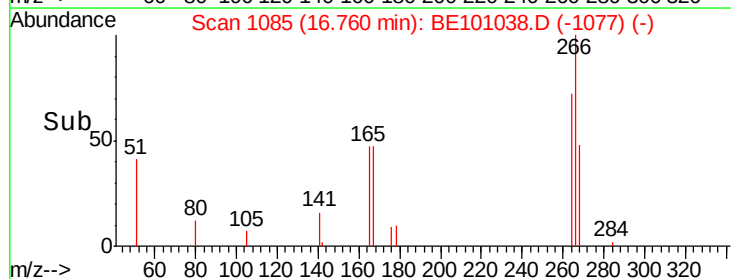
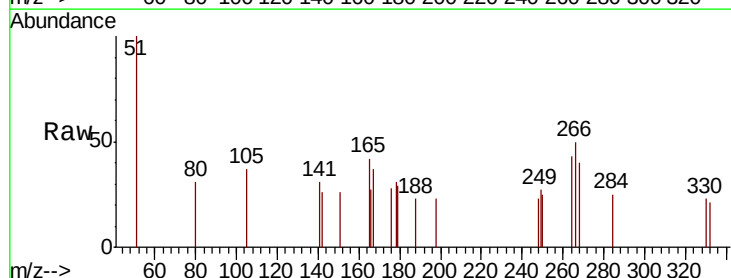
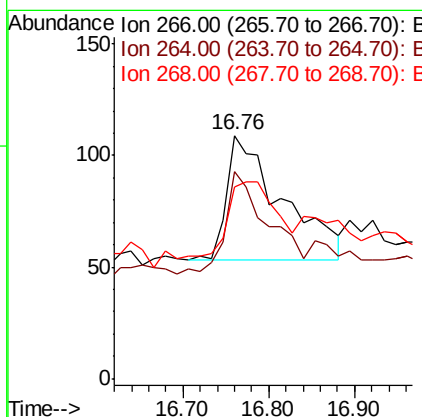
Manual Integrations
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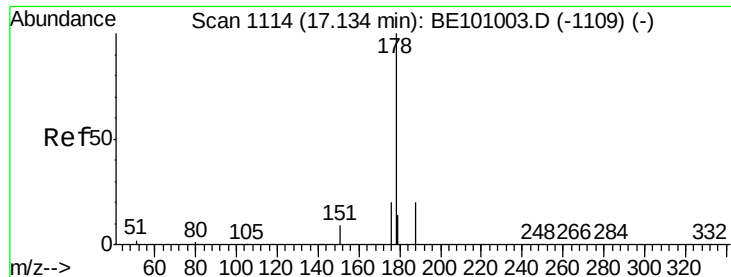
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#22
Pentachlorophenol
Concen: 0.100 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	85.3	61.0	91.4
268	78.9	58.5	87.7





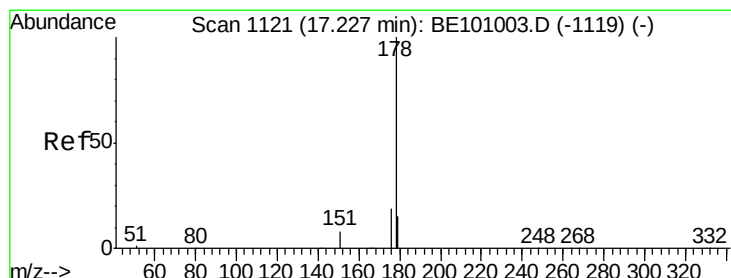
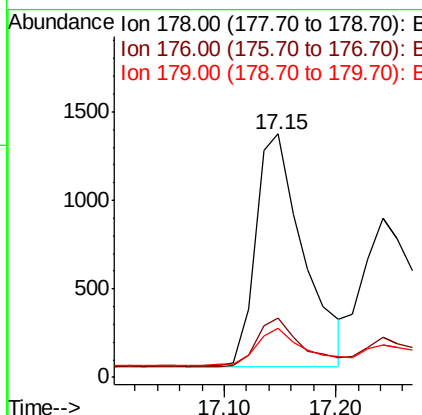
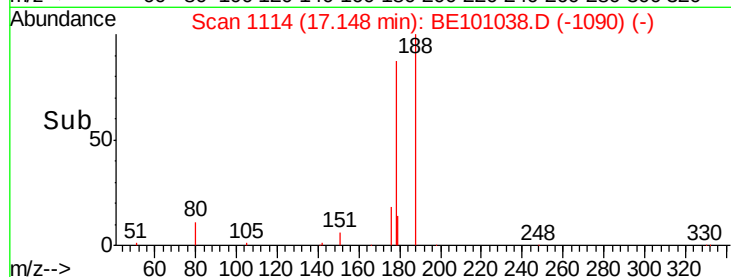
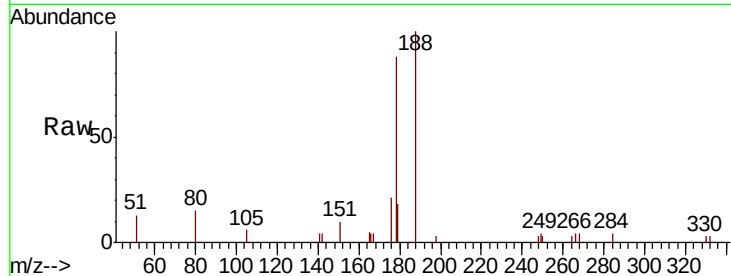
#23
Phenanthrene
Concen: 0.076 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	17.0	12.0	18.0

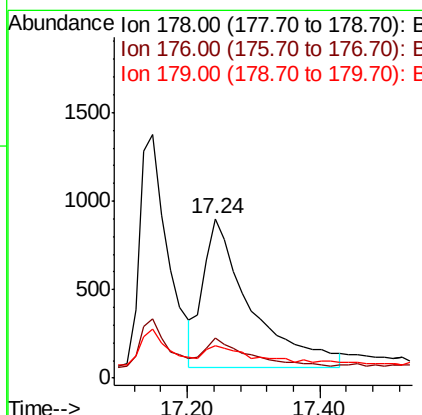
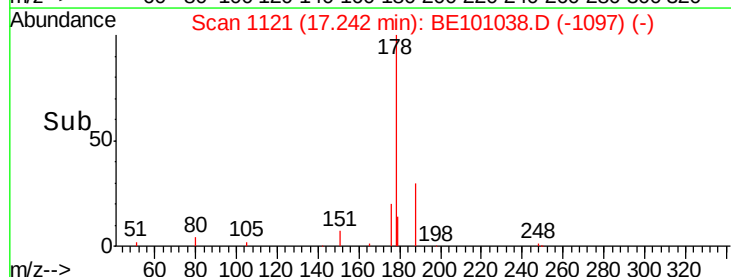
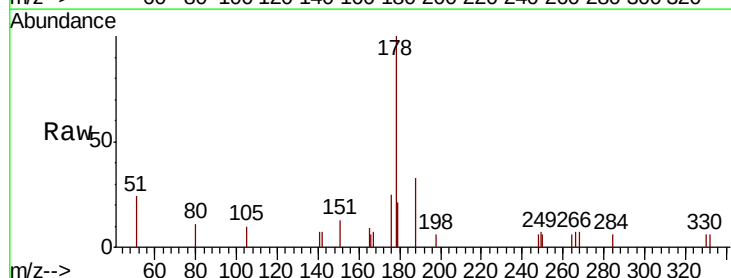
Manual Integrations
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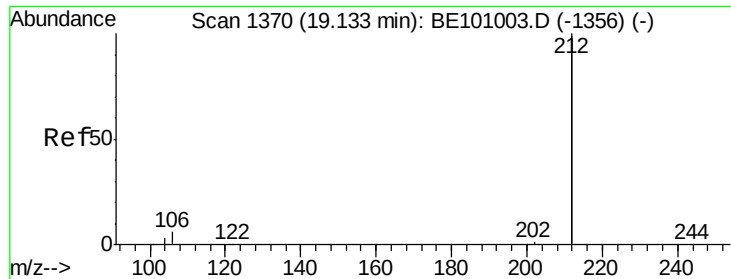
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#24
Anthracene
Concen: 0.084 ng m
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	16.1	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.13 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

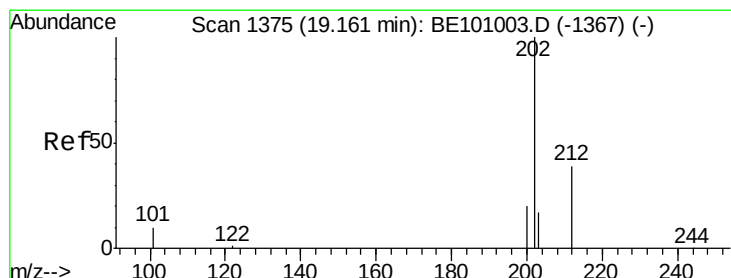
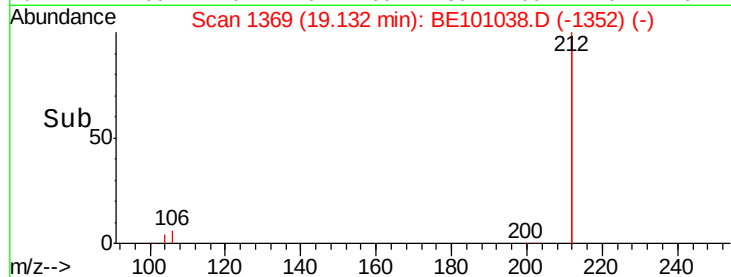
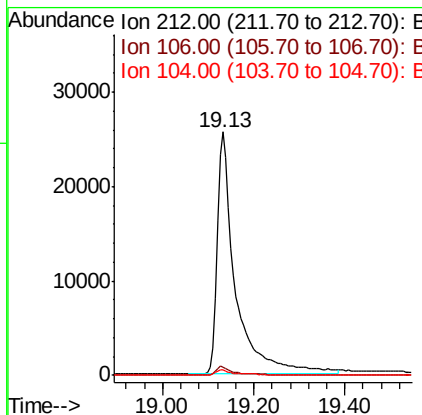
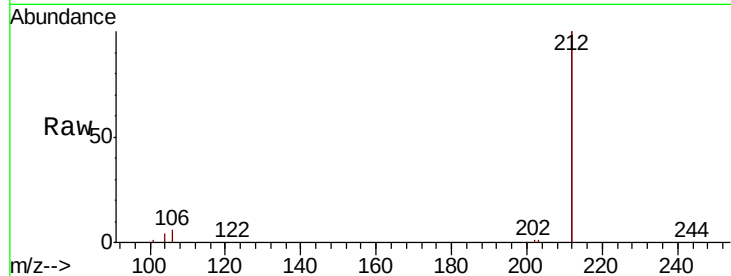
ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.6	3.8
104	1.7	1.4	2.0

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#26

Fluoranthene

Concen: 0.072 ng

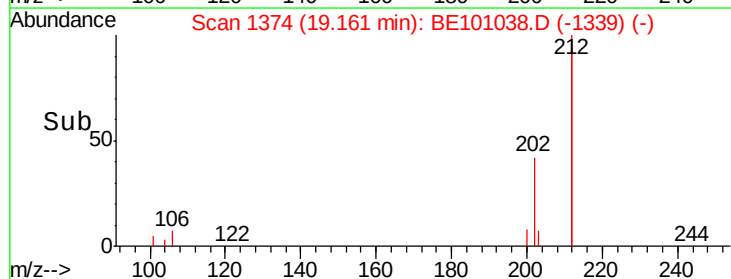
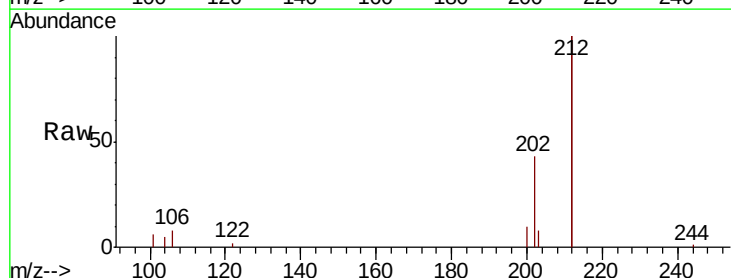
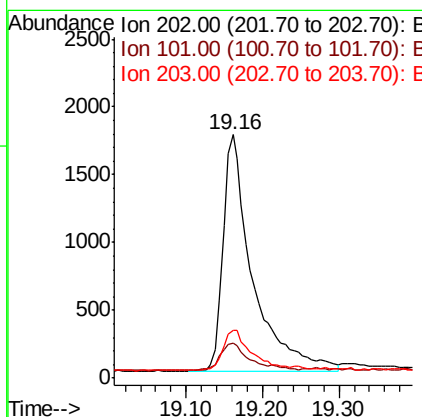
RT: 19.16 min Scan# 1374

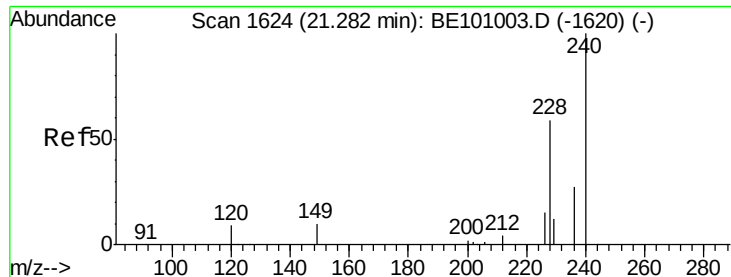
Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.6	14.4
203	17.0	13.8	20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

Instrument :

BNA_E

ClientSampleId :

MDL-MDL-SOIL-03-QT3-2019

Tot Ion:240 Resp: 13499

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

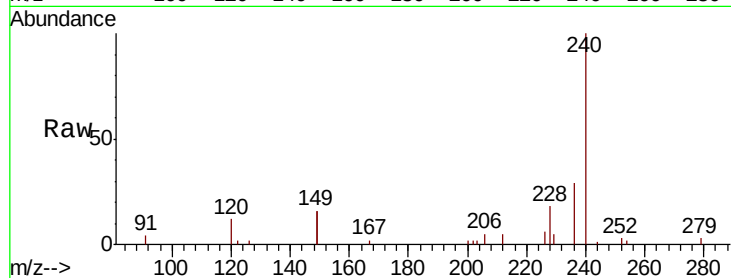
236 28.7 22.2 33.4

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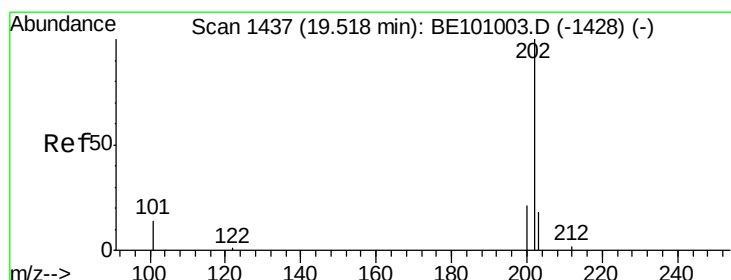
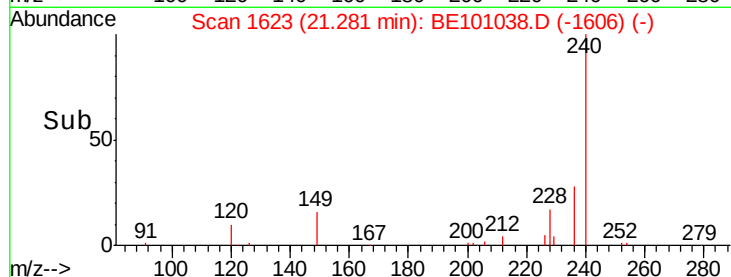
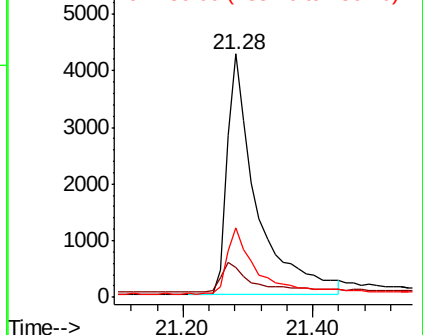


Abundance

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: 0.090 ng

RT: 19.52 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE101038.D

Acq: 13 Jan 2020 14:46

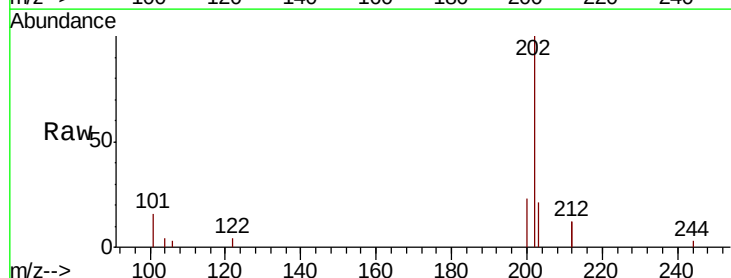
Tgt Ion:202 Resp: 4534

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 18.2 13.8 20.6

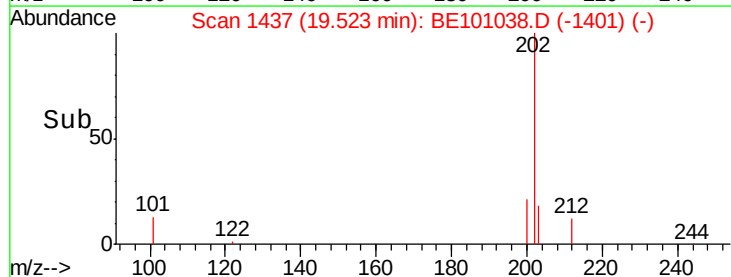
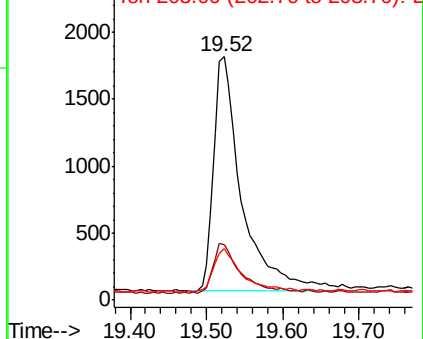


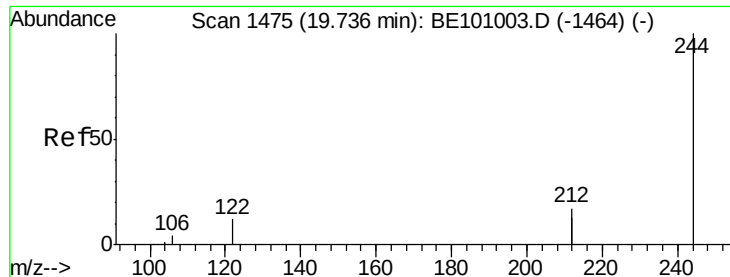
Abundance

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





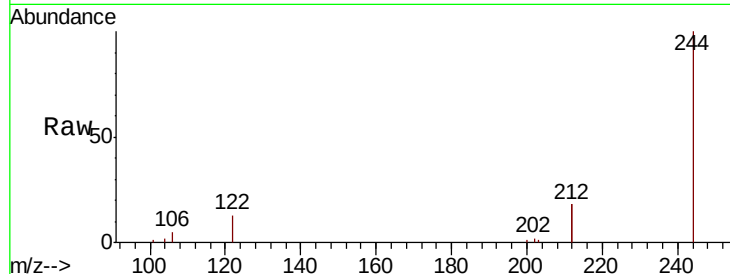
#29
 Terphenyl-d14
 Concen: 0.443 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

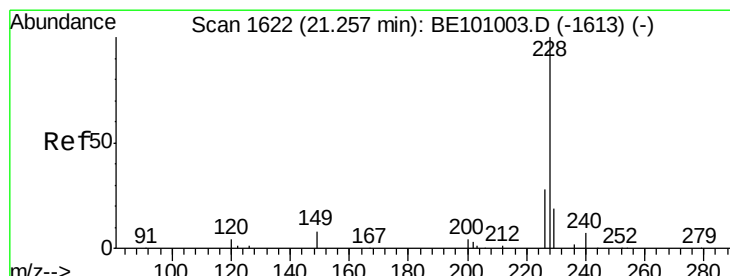
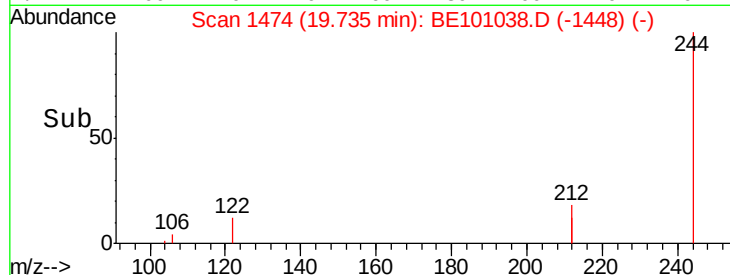
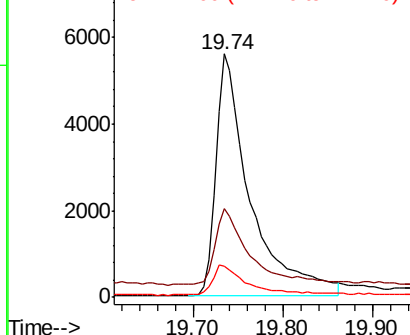
Tot Ion	Ratio	Lower	Upper
244	100		
212	36.4	27.2	40.8
122	12.9	9.8	14.8

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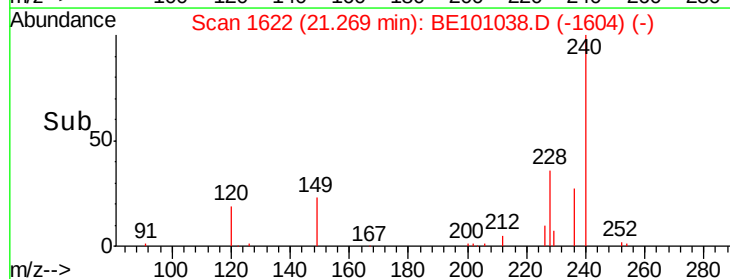
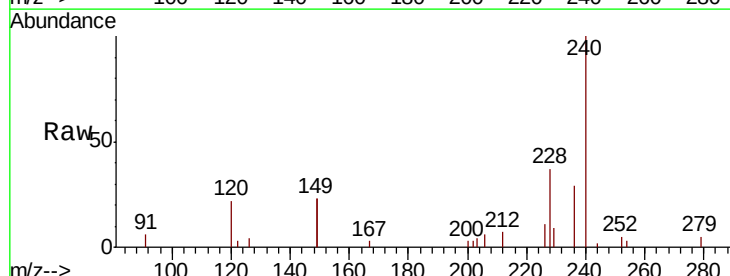
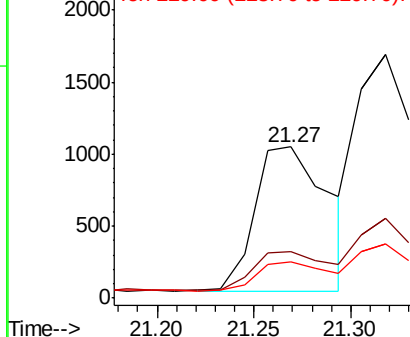
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

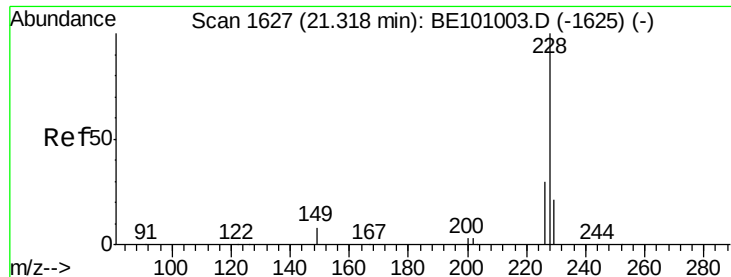


#30
 Benzo(a)anthracene
 Concen: 0.068 ng m
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.7	34.1
229	24.3	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





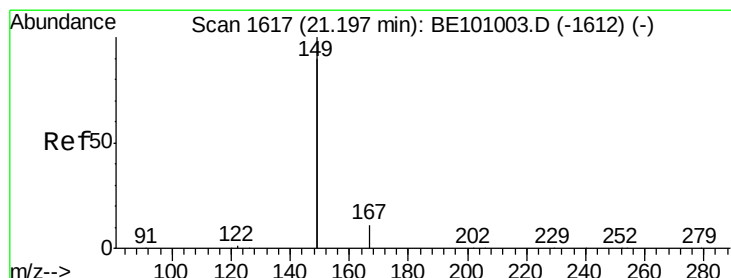
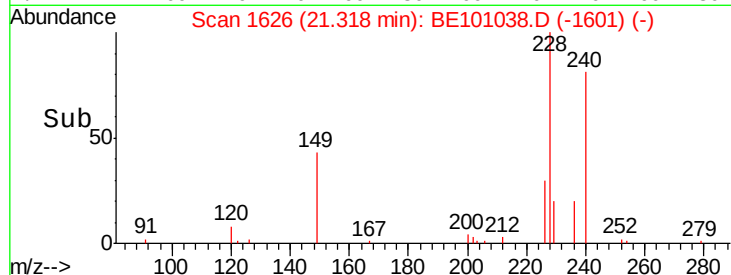
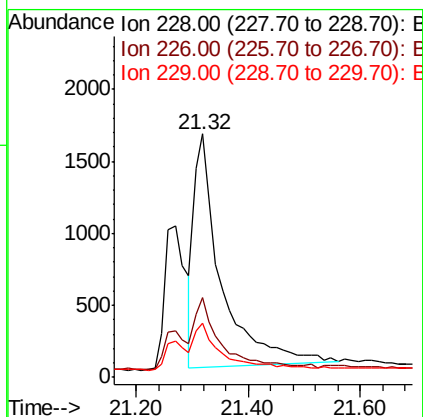
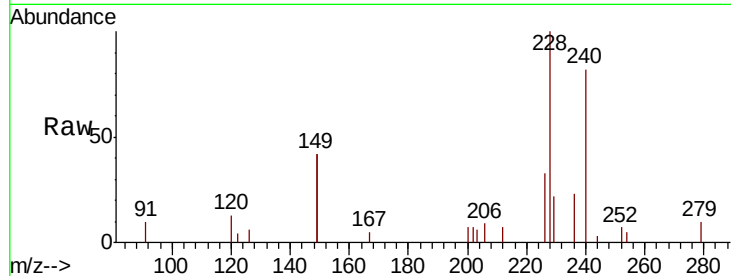
#31
Chrysene
Concen: 0.095 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.5	35.3
229	22.5	16.7	25.1

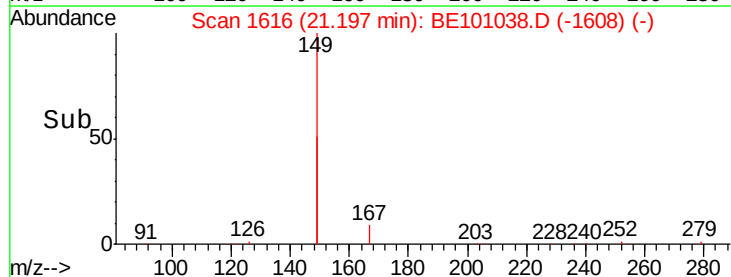
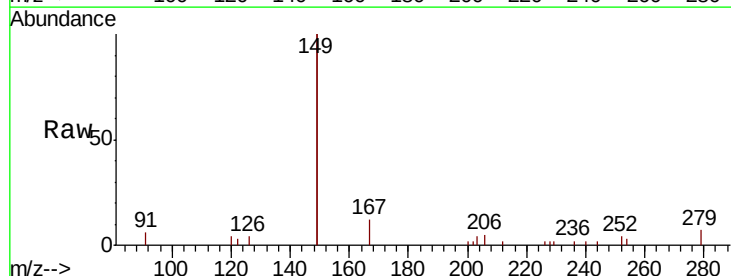
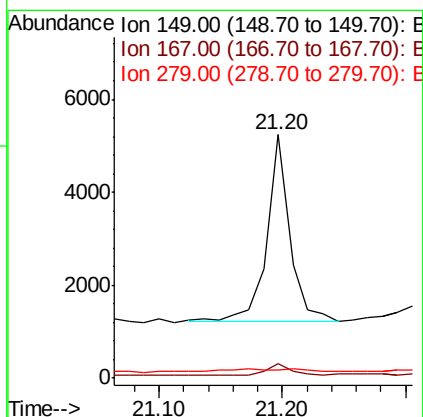
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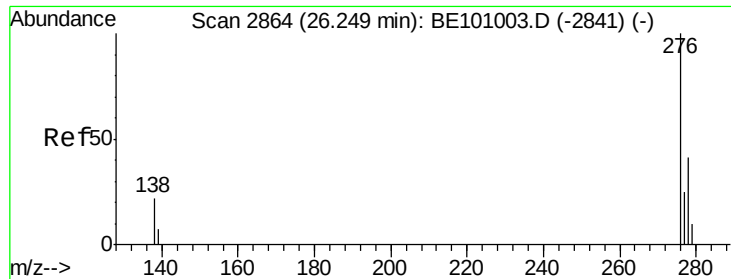
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.20 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	5.6	5.2	7.8
279	3.1	0.8	1.2#





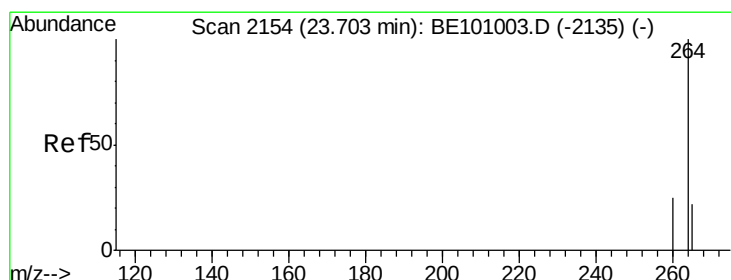
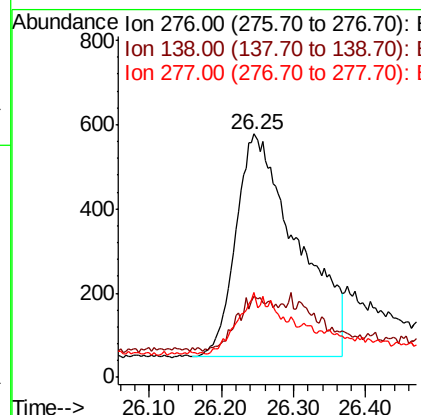
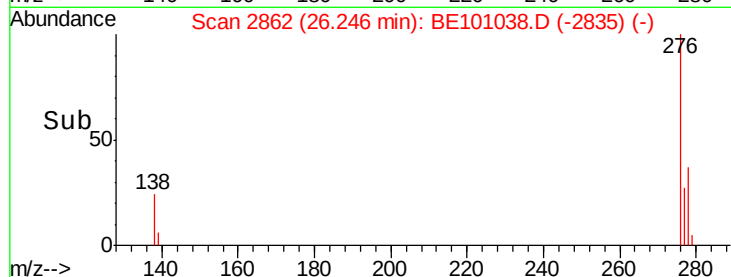
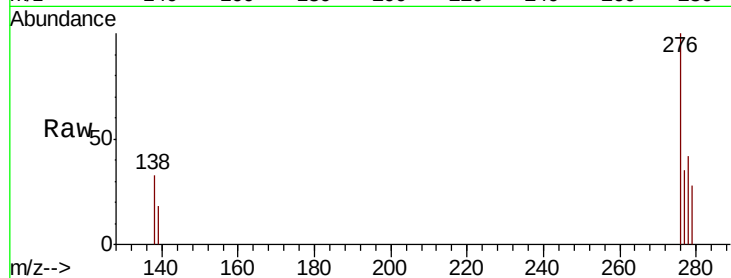
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng
RT: 26.25 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.0	16.1	24.1#
277	9.5	18.1	27.1#

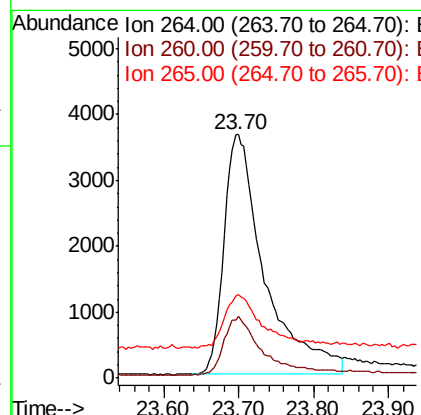
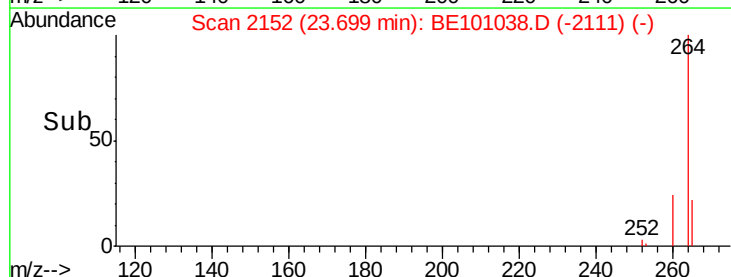
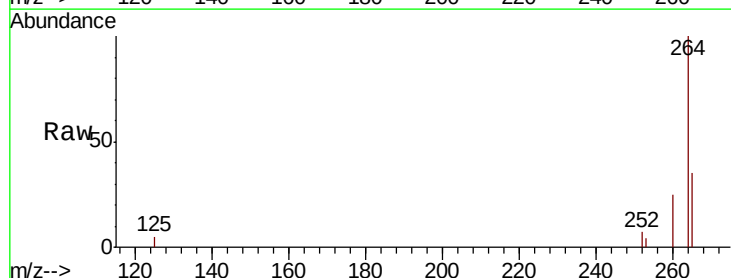
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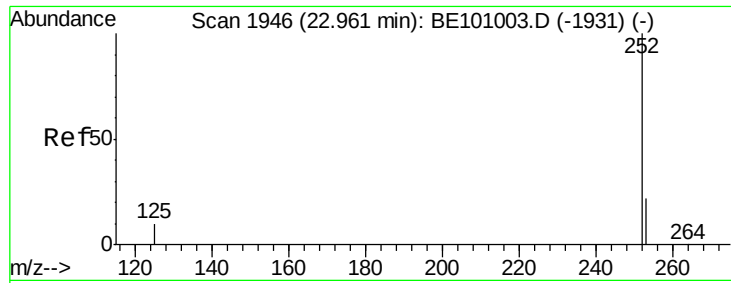
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.3	30.5
265	34.6	27.0	40.4





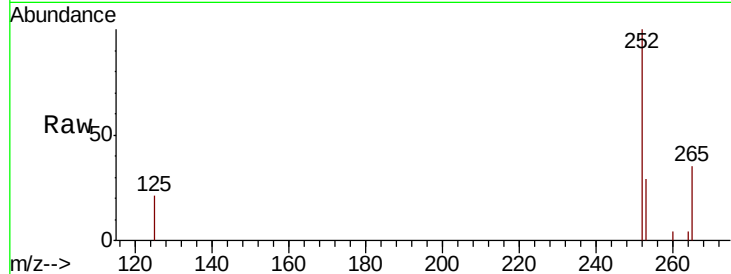
#35
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.5	27.7#
125	20.6	9.5	14.3#

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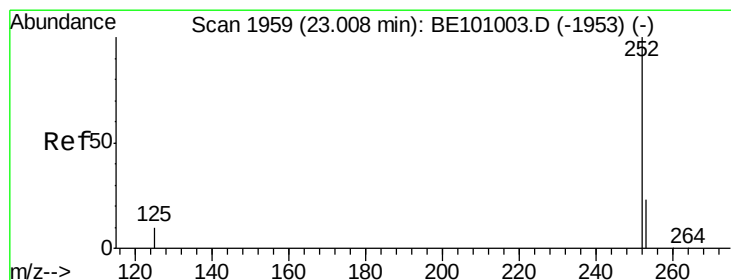
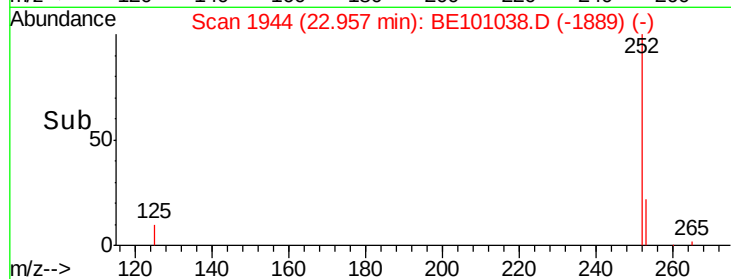
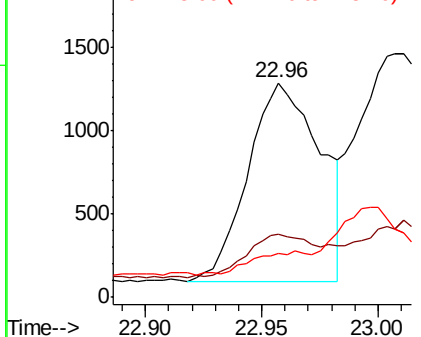


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.090 ng m
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

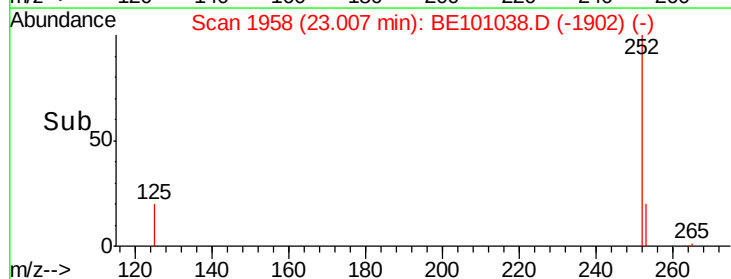
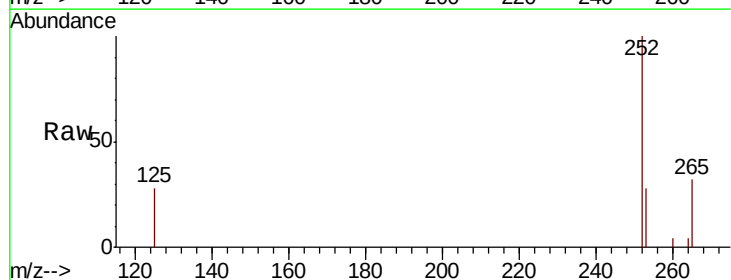
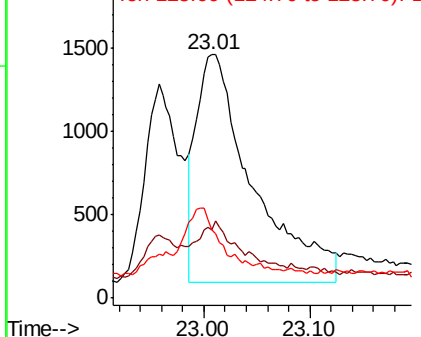
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.9	28.3
125	28.2	10.1	15.1#

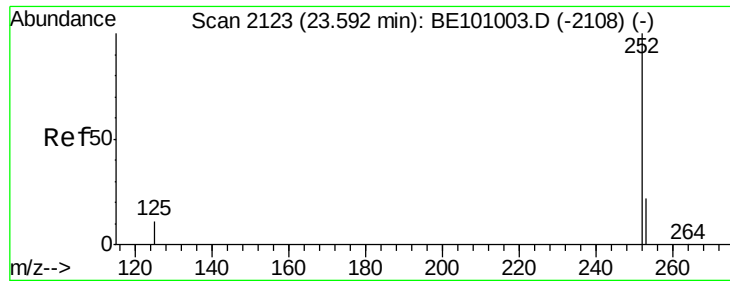
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





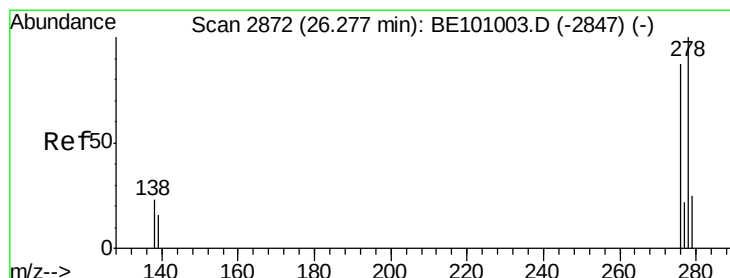
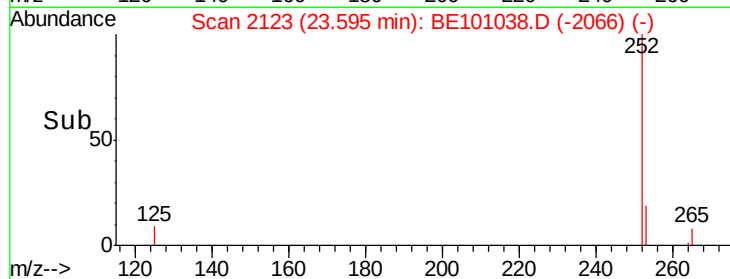
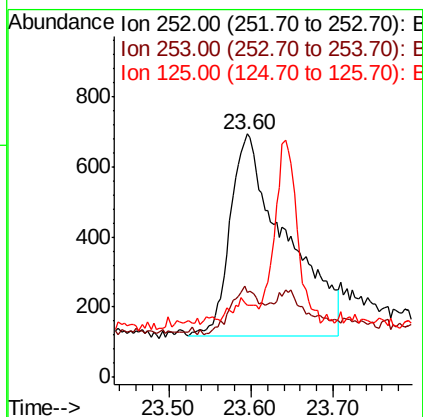
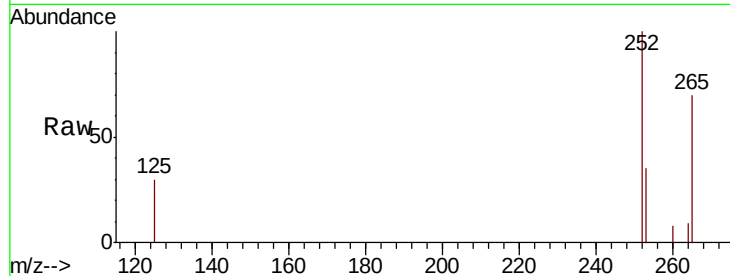
#37
Benzo(a)pyrene
Concen: 0.072 ng
RT: 23.60 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.9	19.4	29.2#
125	29.8	11.8	17.6#

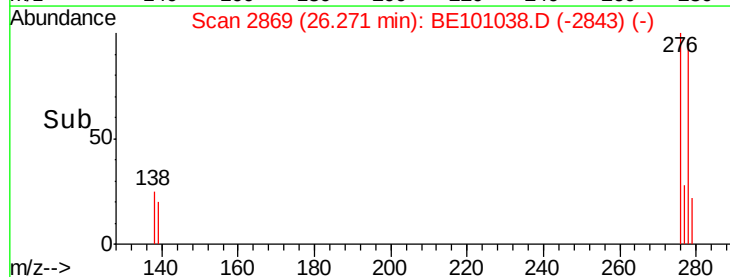
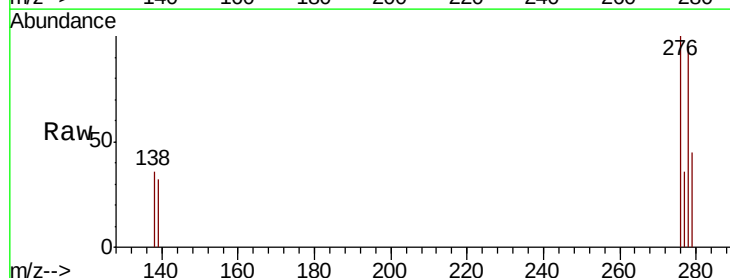
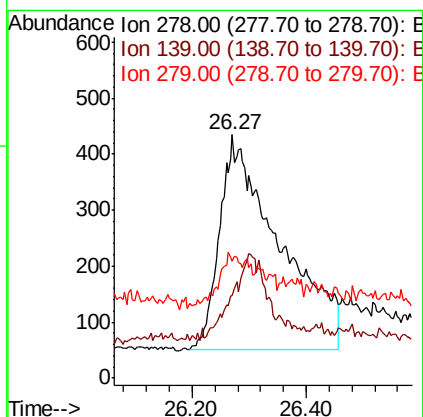
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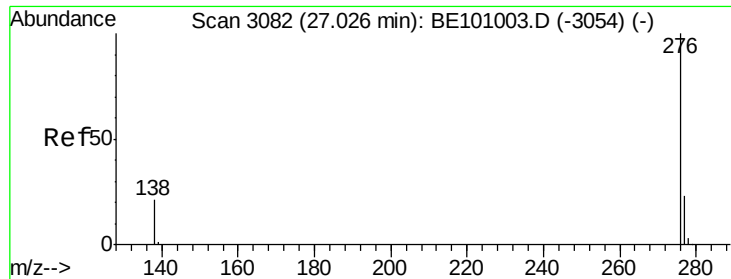
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#38
Dibenzo(a,h)anthracene
Concen: 0.081 ng m
RT: 26.27 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE101038.D
Acq: 13 Jan 2020 14:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.8	15.0	22.4#
279	48.0	22.6	33.8#





#39
 Benzo(a,h,i)perylene
 Concen: 0.078 ng
 RT: 27.02 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BE101038.D
 Acq: 13 Jan 2020 14:46

Instrument :
 BNA_E
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.1	19.4	29.2
138	28.5	17.9	26.9

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