

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110720\
 Data File : BM027742.D
 Acq On : 07 Nov 2020 03:23
 Operator : JU/CG
 Sample : L4485-07
 Misc : SFAM-SIM-MDL-S-08
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-07

Quant Time: Nov 07 03:55:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:24:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

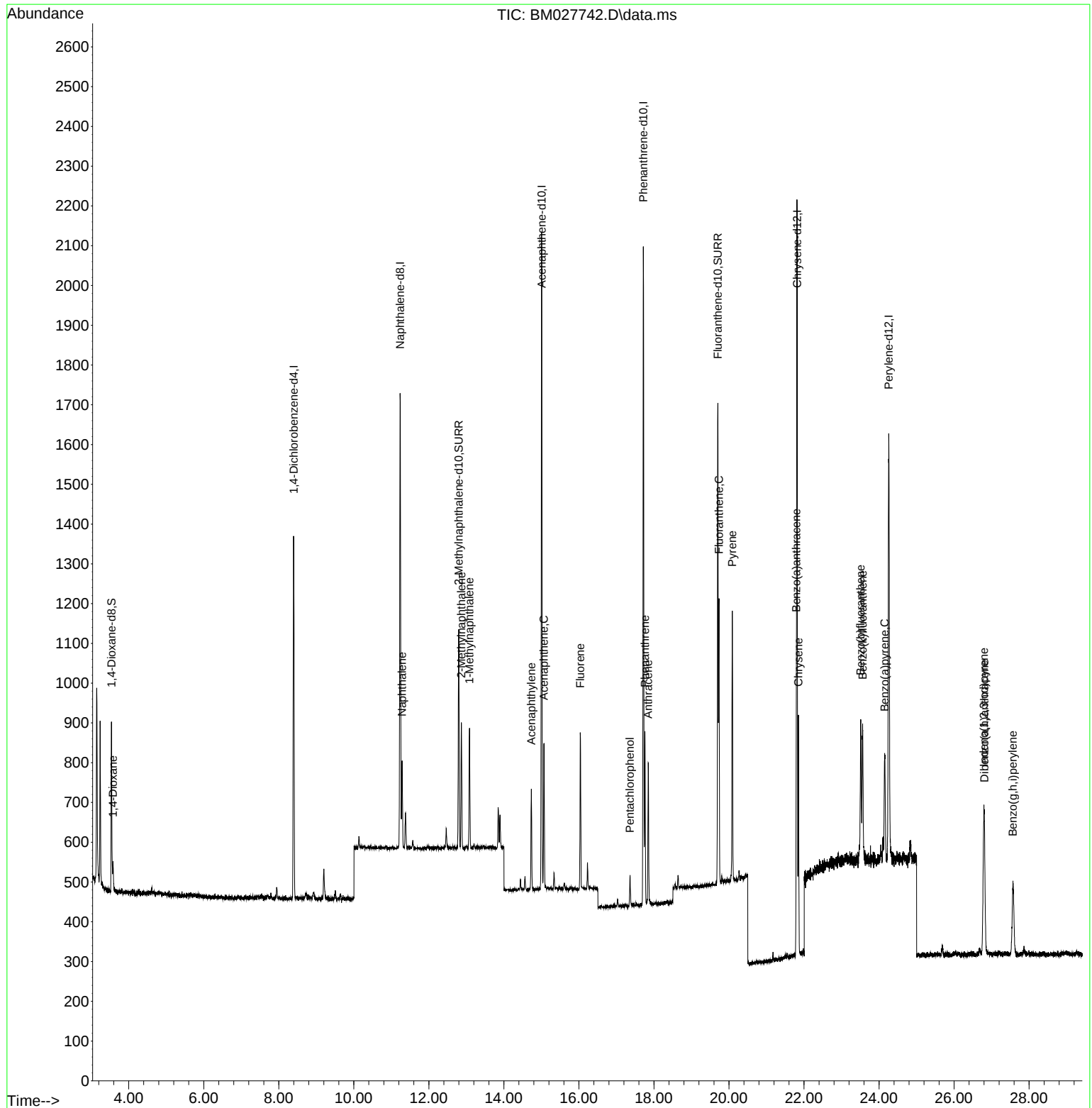
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.397	152	452	0.40	ng/ul	0.00
4) Naphthalene-d8	11.234	136	1505	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.005	164	929	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.718	188	2056	0.40	ng/ul	0.00
19) Chrysene-d12	21.815	240	1714	0.40	ng/ul	0.00
23) Perylene-d12	24.259	264	1538	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.542	96	238	0.51	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.794	152	662	0.26	ng/ul	0.00
17) Fluoranthene-d10	19.703	212	1421	0.26	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.580	88	43	0.09	ng/ul	90
5) Naphthalene	11.288	128	303	0.07	ng/ul#	67
7) 2-Methylnaphthalene	12.866	142	200	0.07	ng/ul	96
8) 1-Methylnaphthalene	13.082	142	183	0.07	ng/ul	97
10) Acenaphthylene	14.732	152	272	0.07	ng/ul#	68
11) Acenaphthene	15.066	153	207	0.07	ng/ul	90
12) Fluorene	16.036	166	243	0.07	ng/ul#	94
14) Pentachlorophenol	17.360	266	51	0.08	ng/ul	93
15) Phenanthrene	17.759	178	445	0.07	ng/ul#	83
16) Anthracene	17.846	178	392	0.07	ng/ul#	77
18) Fluoranthene	19.733	202	626	0.09	ng/ul#	82
20) Pyrene	20.088	202	588	0.09	ng/ul#	80
21) Benzo(a)anthracene	21.796	228	520	0.08	ng/ul#	83
22) Chrysene	21.854	228	532	0.08	ng/ul#	92
24) Benzo(b)fluoranthene	23.511	252	510	0.08	ng/ul#	70
25) Benzo(k)fluoranthene	23.562	252	470	0.08	ng/ul#	66
26) Benzo(a)pyrene	24.150	252	441	0.08	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.794	276	503	0.08	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.811	278	405	0.07	ng/ul#	59
29) Benzo(g,h,i)perylene	27.569	276	414	0.07	ng/ul#	68

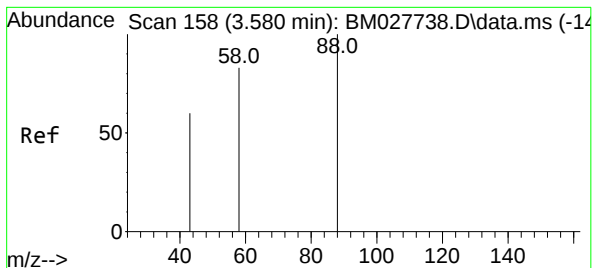
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 03:55:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:24:33 2020
Response via : Initial Calibration

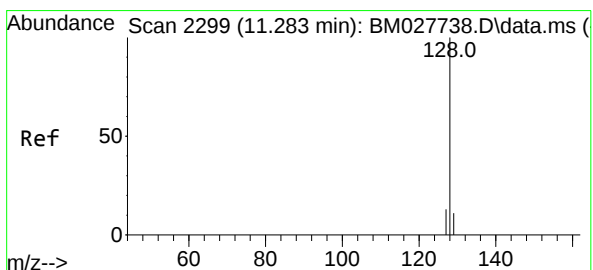
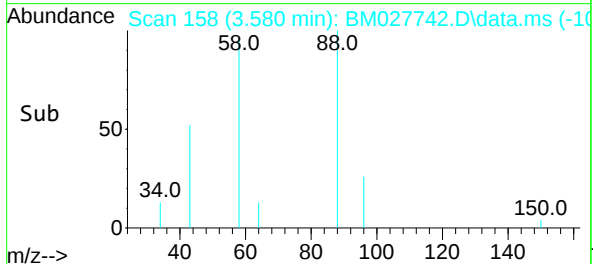
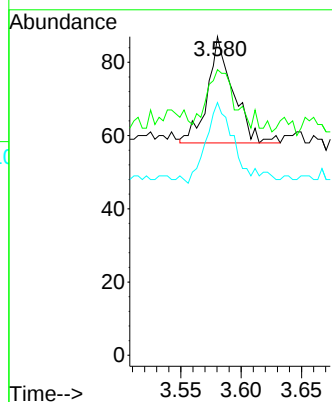
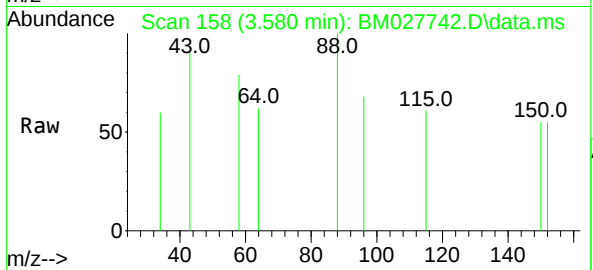




#2
1,4-Dioxane
Concen: 0.09 ng/ul
RT: 3.580 min Scan# 158
Delta R.T. 0.000 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

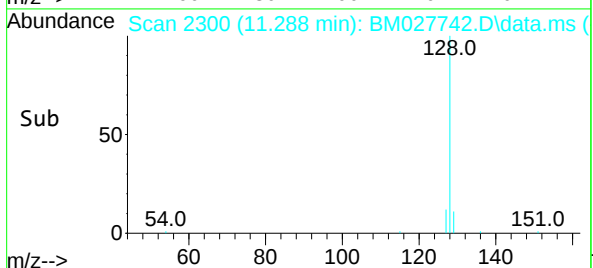
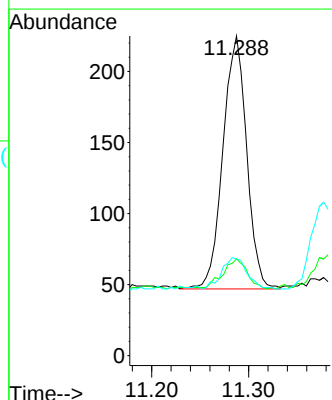
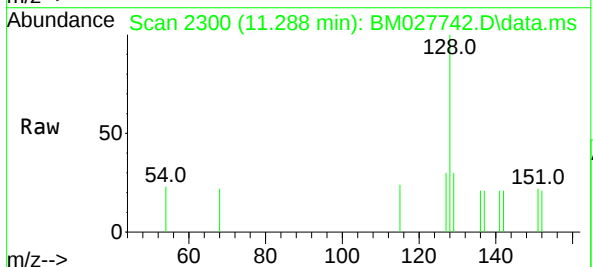
Instrument :
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ClientSampleId :
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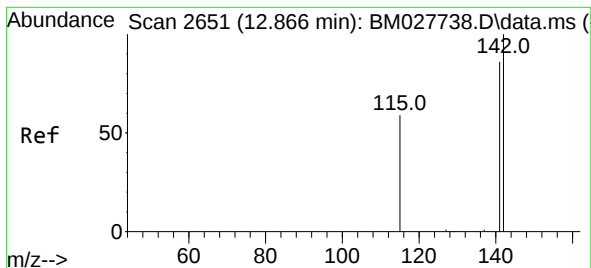
Tgt Ion:	88	Resp:	43
Ion	Ratio	Lower	Upper
88	100		
43	89.7	61.8	92.6
58	79.3	67.8	101.8



#5
Naphthalene
Concen: 0.07 ng/ul
RT: 11.288 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:	128	Resp:	303
Ion	Ratio	Lower	Upper
128	100		
129	30.2	11.7	17.5#
127	30.2	14.0	21.0#

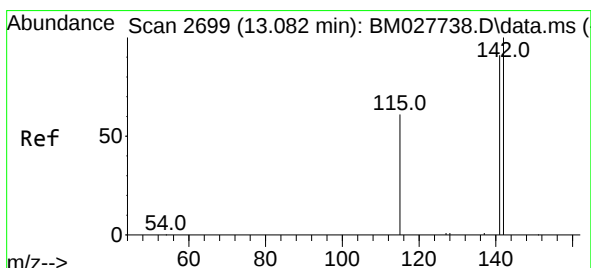
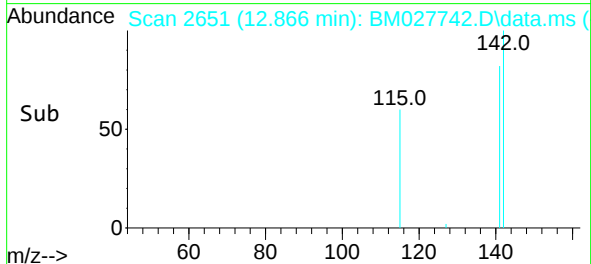
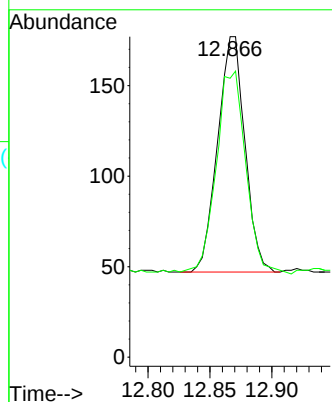
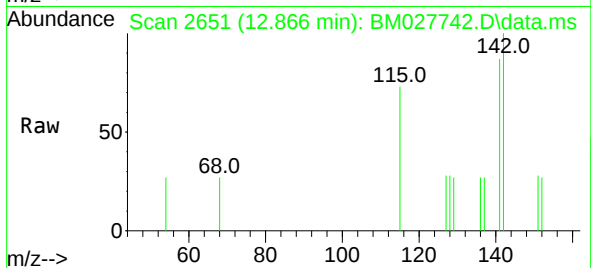




#7
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.866 min Scan# 2651
Delta R.T. 0.000 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

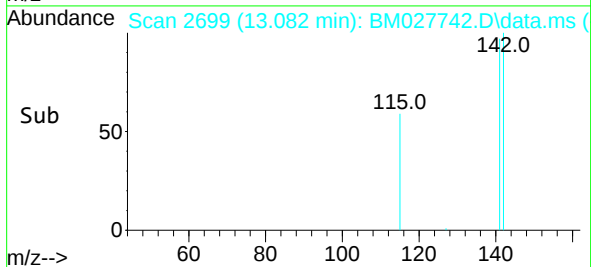
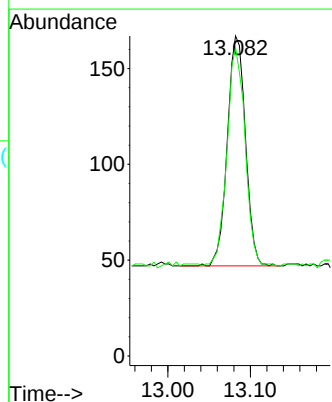
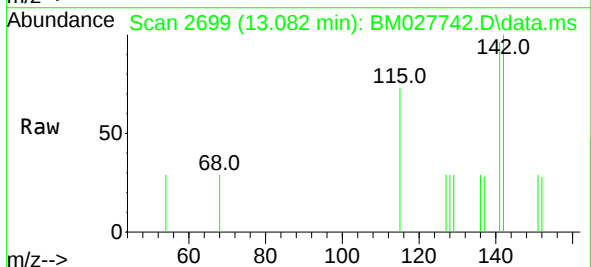
Instrument :
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ClientSampleId :
MDL-SOIL-07

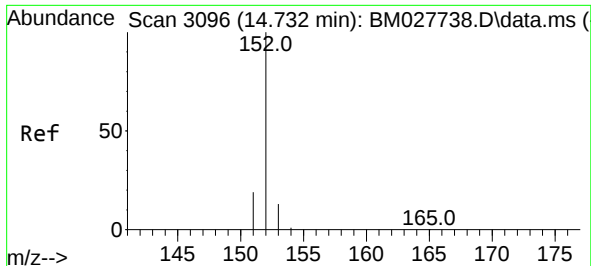
Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
141 93.0 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 13.082 min Scan# 2699
Delta R.T. -0.004 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
141 95.1 74.1 111.1

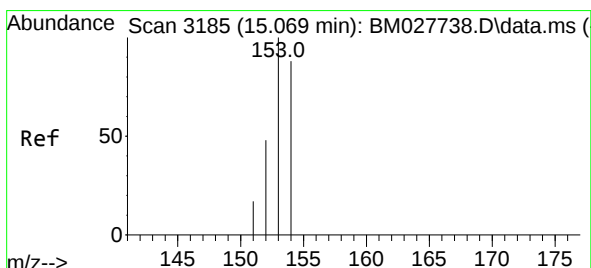
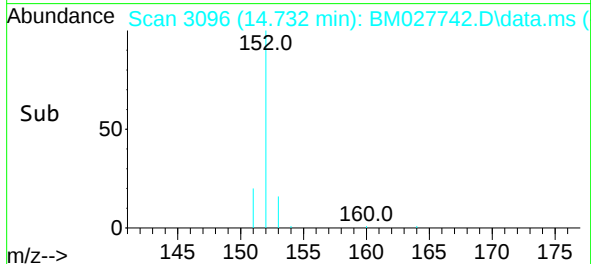
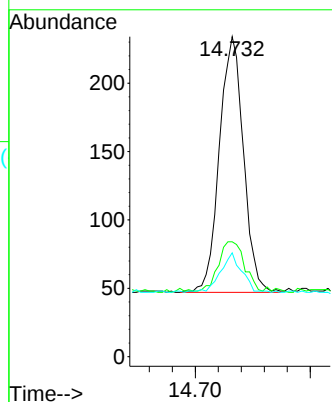
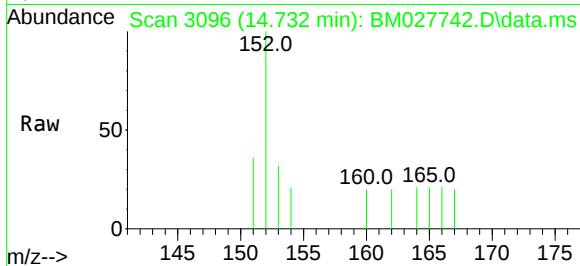




#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 14.732 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

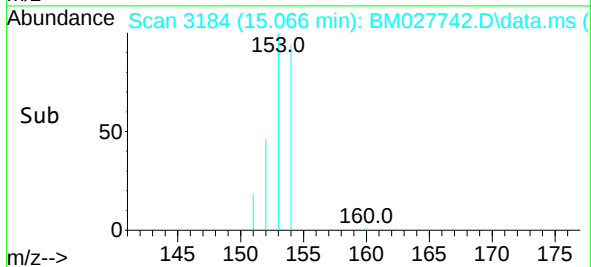
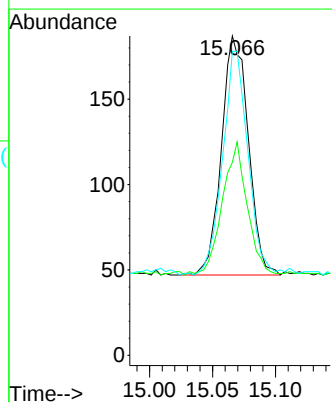
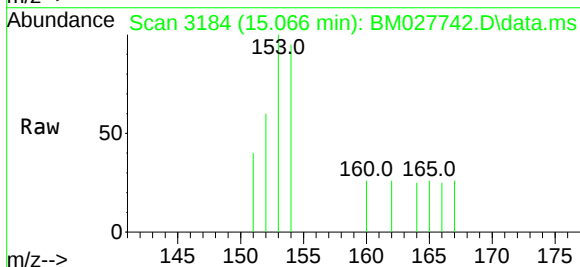
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

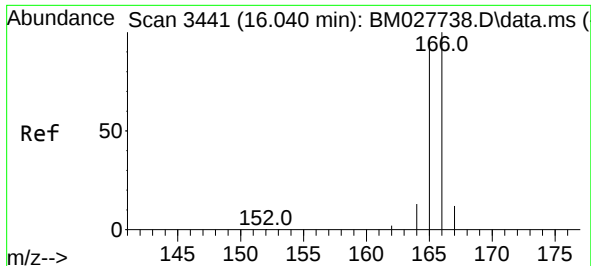
Tgt Ion:	152	Resp:	272
Ion Ratio	Lower	Upper	
152	100		
151	35.9	17.8	26.8#
153	32.5	13.5	20.3#



#11
Acenaphthene
Concen: 0.07 ng/ul
RT: 15.066 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:	153	Resp:	207
Ion Ratio	Lower	Upper	
153	100		
152	60.4	40.6	60.8
154	95.2	71.0	106.4

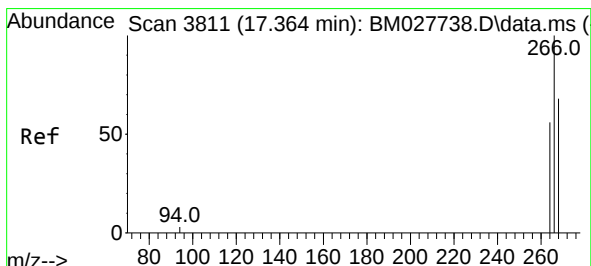
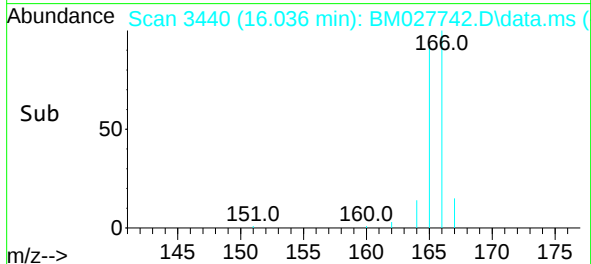
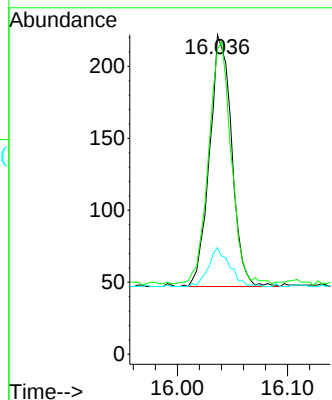
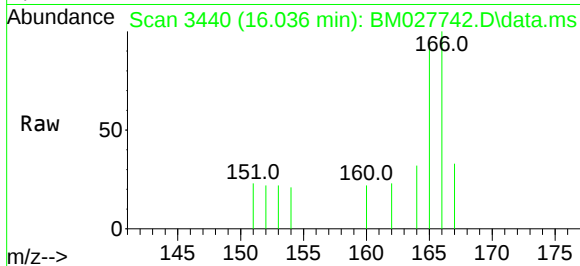




#12
Fluorene
Concen: 0.07 ng/ul
RT: 16.036 min Scan# 3440
Delta R.T. -0.004 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

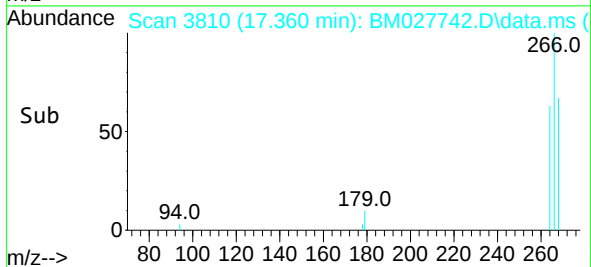
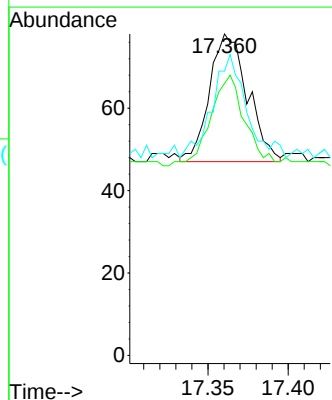
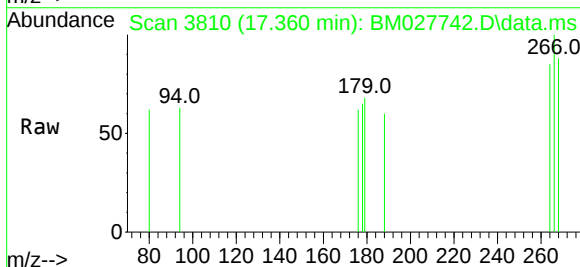
Instrument :
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ClientSampleId :
MDL-SOIL-07

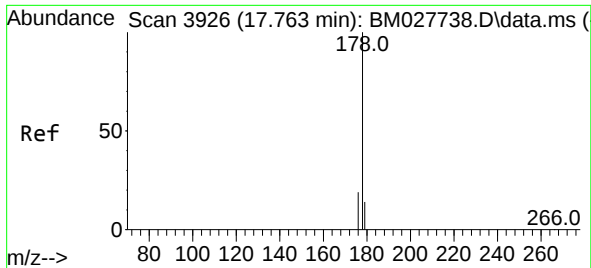
Tgt Ion:	166	Resp:	243
Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.2	114.4
167	33.3	13.7	20.5#



#14
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 17.360 min Scan# 3810
Delta R.T. -0.003 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:	266	Resp:	51
Ion	Ratio	Lower	Upper
266	100		
264	64.7	48.2	72.4
268	72.5	53.4	80.0

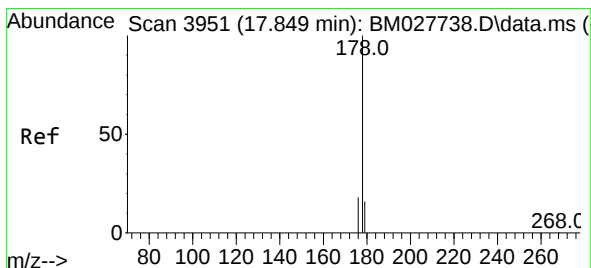
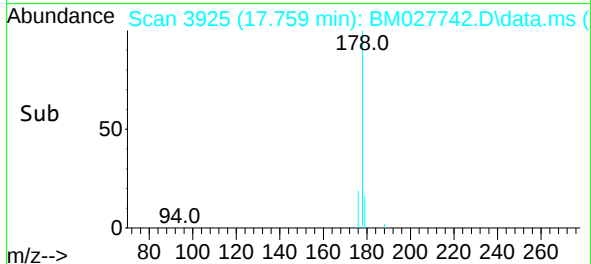
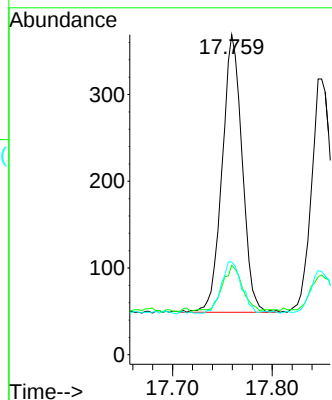
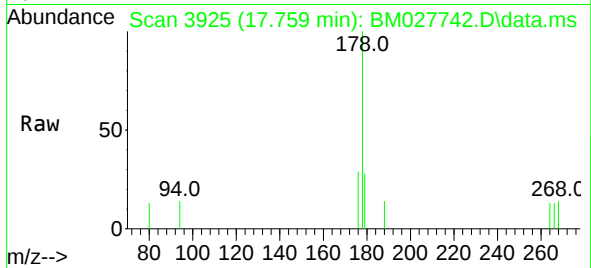




#15
Phenanthrene
Concen: 0.07 ng/u1
RT: 17.759 min Scan# 3925
Delta R.T. 0.000 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

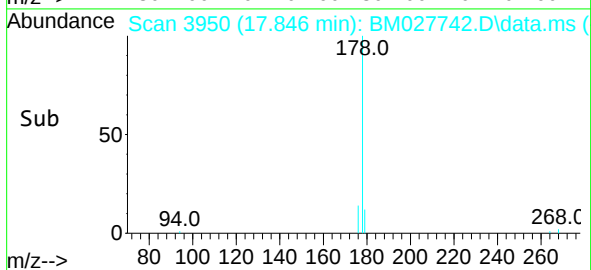
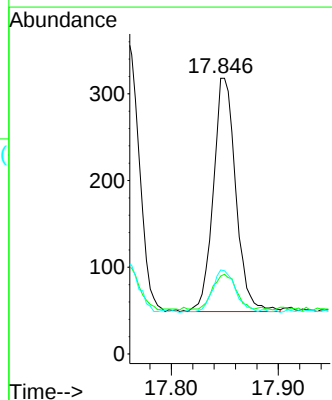
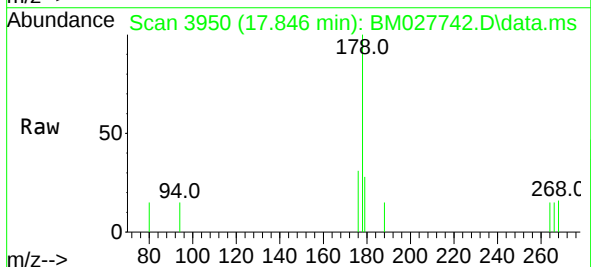
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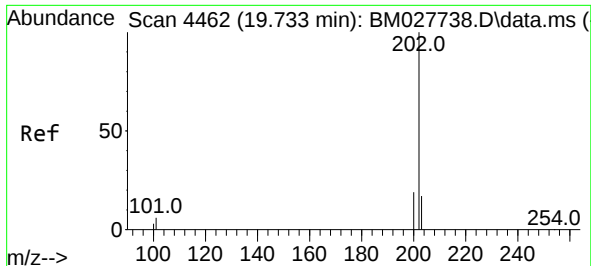
Tgt Ion:178 Resp: 445
Ion Ratio Lower Upper
178 100
179 27.9 14.6 22.0#
176 29.0 18.2 27.2#



#16
Anthracene
Concen: 0.07 ng/u1
RT: 17.846 min Scan# 3950
Delta R.T. -0.003 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

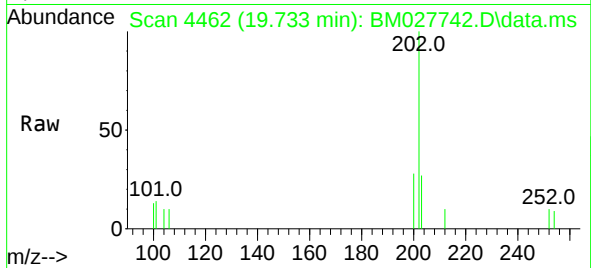
Tgt Ion:178 Resp: 392
Ion Ratio Lower Upper
178 100
179 28.3 14.1 21.1#
176 30.5 16.3 24.5#



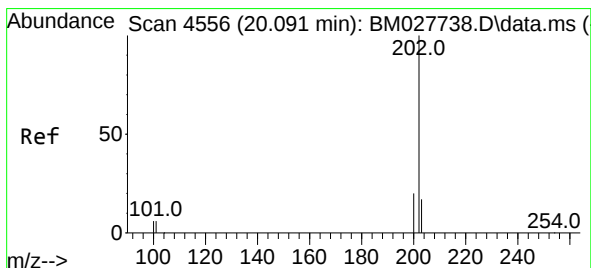
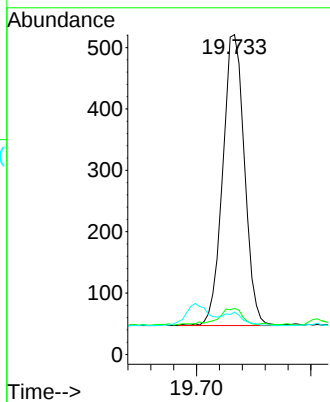
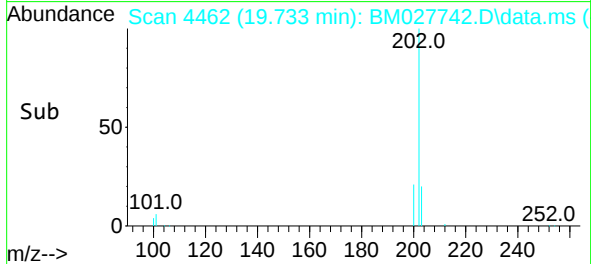


#18
Fluoranthene
Concen: 0.09 ng/ul
RT: 19.733 min Scan# 4462
Delta R.T. -0.004 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

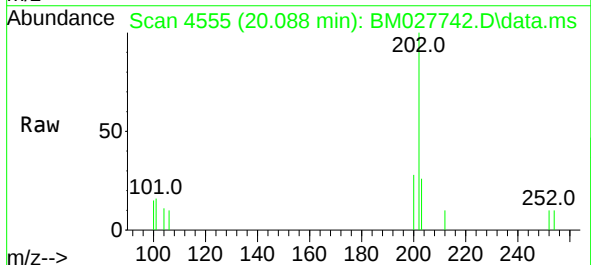
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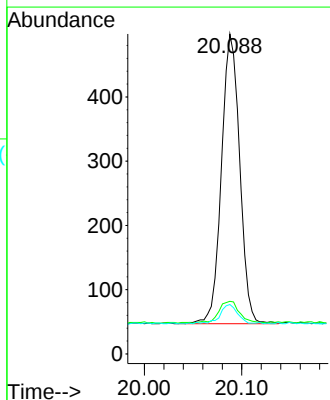
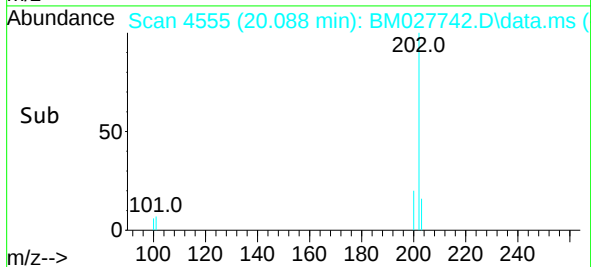
Tgt Ion:	202	Resp:	626
Ion	Ratio	Lower	Upper
202	100		
101	14.4	6.1	9.1#
100	13.2	5.8	8.6#

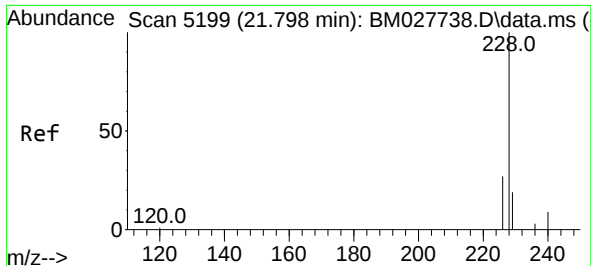


#20
Pyrene
Concen: 0.09 ng/ul
RT: 20.088 min Scan# 4555
Delta R.T. -0.004 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23



Tgt Ion:	202	Resp:	588
Ion	Ratio	Lower	Upper
202	100		
101	16.5	7.4	11.0#
100	15.5	6.6	9.8#

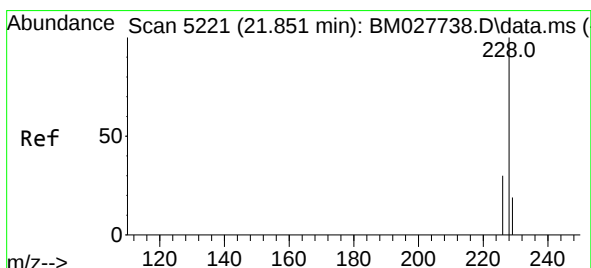
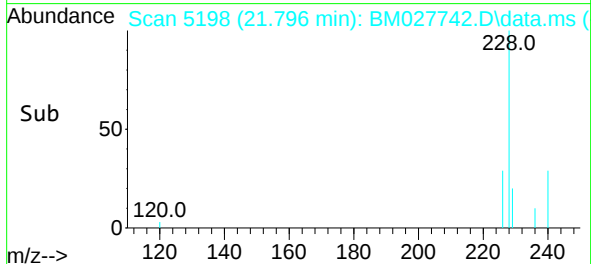
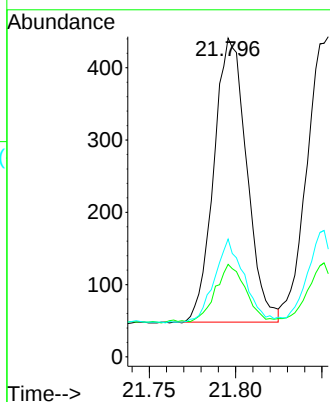
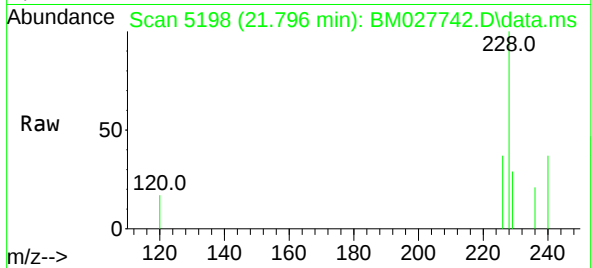




#21
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.796 min Scan# 5198
Delta R.T. -0.005 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

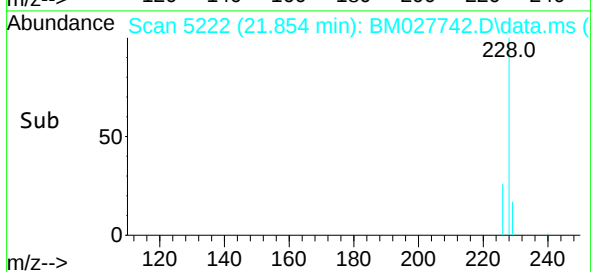
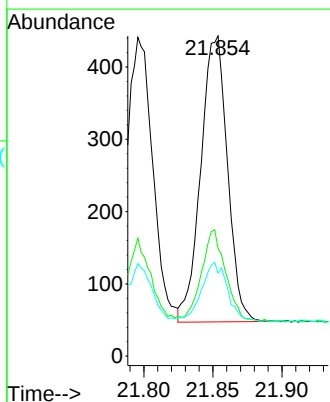
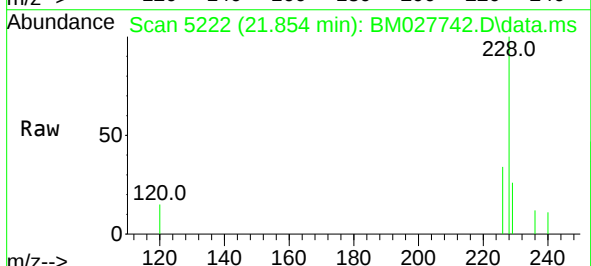
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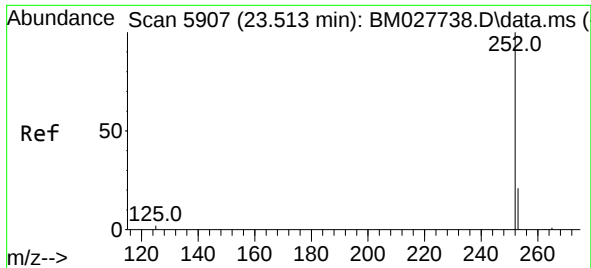
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Ion Ratio Lower Upper
228 100
229 29.0 17.0 25.4#
226 37.0 22.0 33.0#



#22
Chrysene
Concen: 0.08 ng/ul
RT: 21.854 min Scan# 5222
Delta R.T. -0.002 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:228 Resp: 532
Ion Ratio Lower Upper
228 100
226 33.6 24.0 36.0
229 26.0 16.9 25.3#

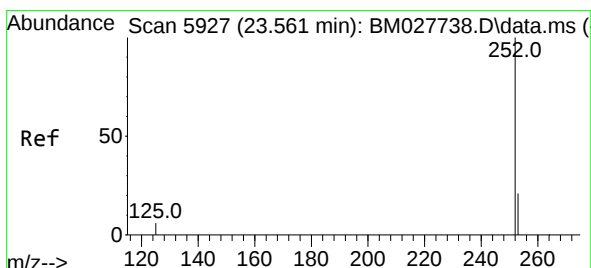
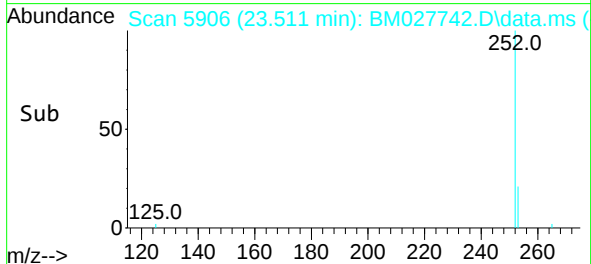
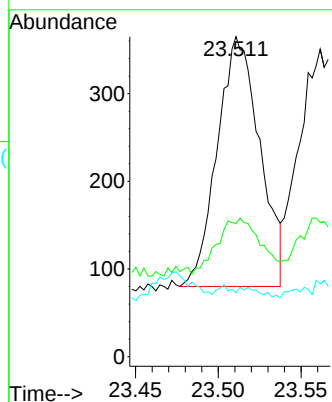
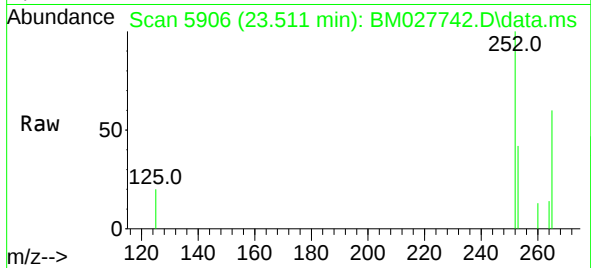




#24
Benzo(b)fluoranthene
Concen: 0.08 ng/ul
RT: 23.511 min Scan# 5906
Delta R.T. -0.005 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

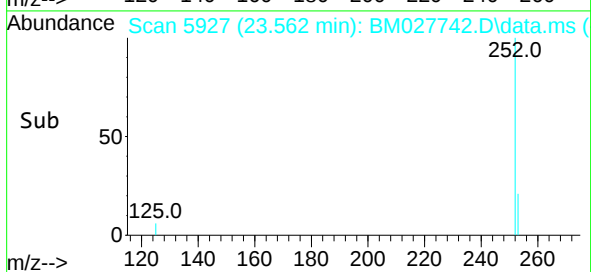
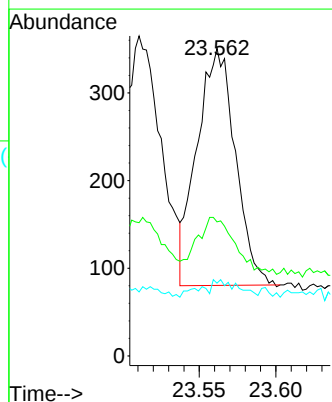
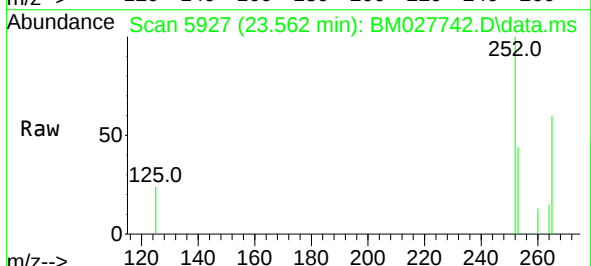
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

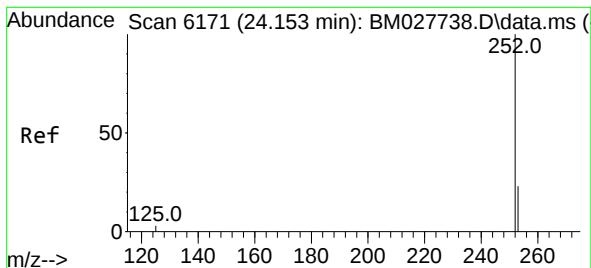
Tgt Ion:252 Resp: 510
Ion Ratio Lower Upper
252 100
253 41.6 0.0 53.0
125 20.0 0.0 17.6#



#25
Benzo(k)fluoranthene
Concen: 0.08 ng/ul
RT: 23.562 min Scan# 5927
Delta R.T. -0.007 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:252 Resp: 470
Ion Ratio Lower Upper
252 100
253 43.6 21.4 32.2#
125 23.6 7.4 11.0#

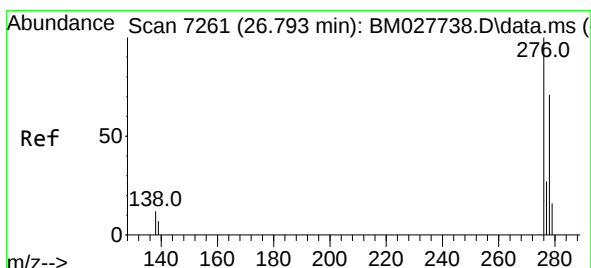
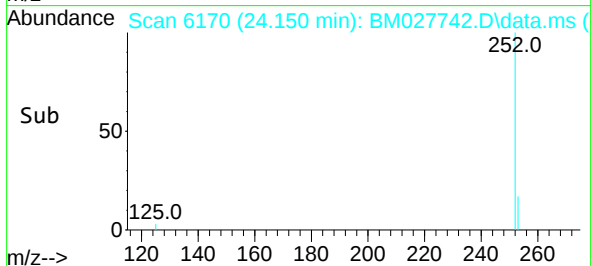
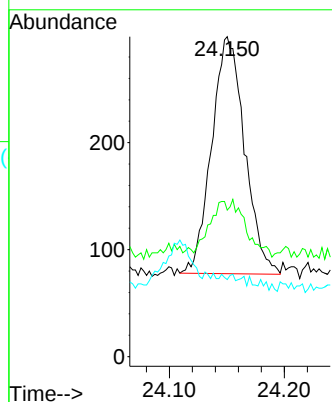
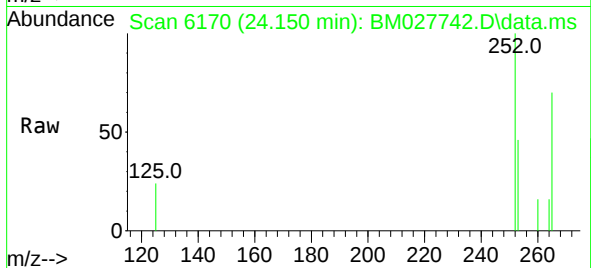




#26
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 24.150 min Scan# 6170
Delta R.T. -0.005 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

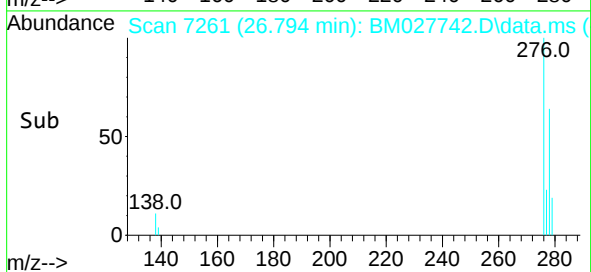
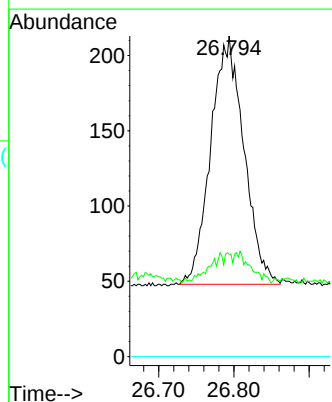
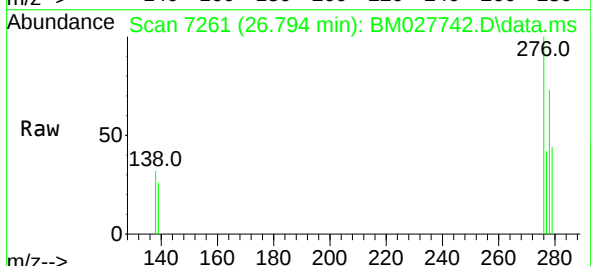
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

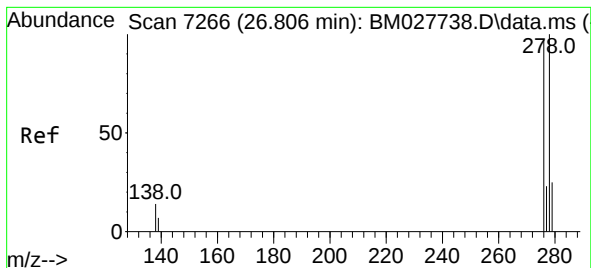
Tgt Ion:252 Resp: 441
Ion Ratio Lower Upper
252 100
253 45.8 22.3 33.5#
125 24.1 8.8 13.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 26.794 min Scan# 7261
Delta R.T. -0.005 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:276 Resp: 503
Ion Ratio Lower Upper
276 100
138 2.4 11.0 16.6#
227 0.0 0.0 0.0

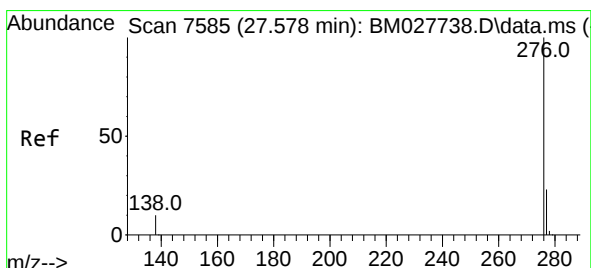
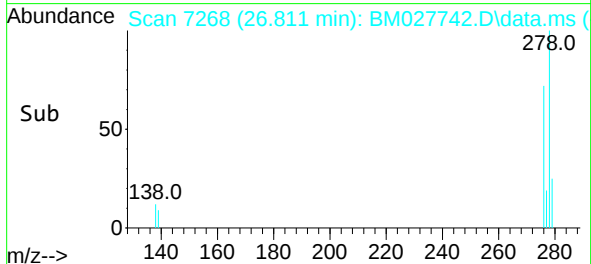
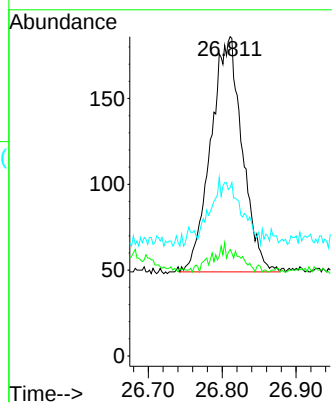
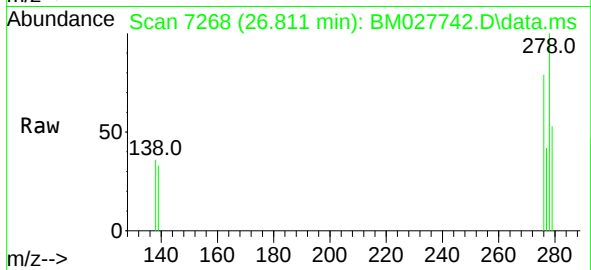




#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 26.811 min Scan# 7268
Delta R.T. 0.000 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Tgt Ion:278 Resp: 405
Ion Ratio Lower Upper
278 100
139 33.3 12.6 18.8#
279 52.7 24.3 36.5#



#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 27.569 min Scan# 7581
Delta R.T. -0.012 min
Lab File: BM027742.D
Acq: 07 Nov 2020 03:23

Tgt Ion:276 Resp: 414
Ion Ratio Lower Upper
276 100
138 34.6 15.0 22.4#
277 46.7 24.2 36.2#

