

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032268.D
 Acq On : 29 Sep 2021 11:03
 Operator : CG/JU
 Sample : M3263-03
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2021-07

Quant Time: Sep 29 11:34:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

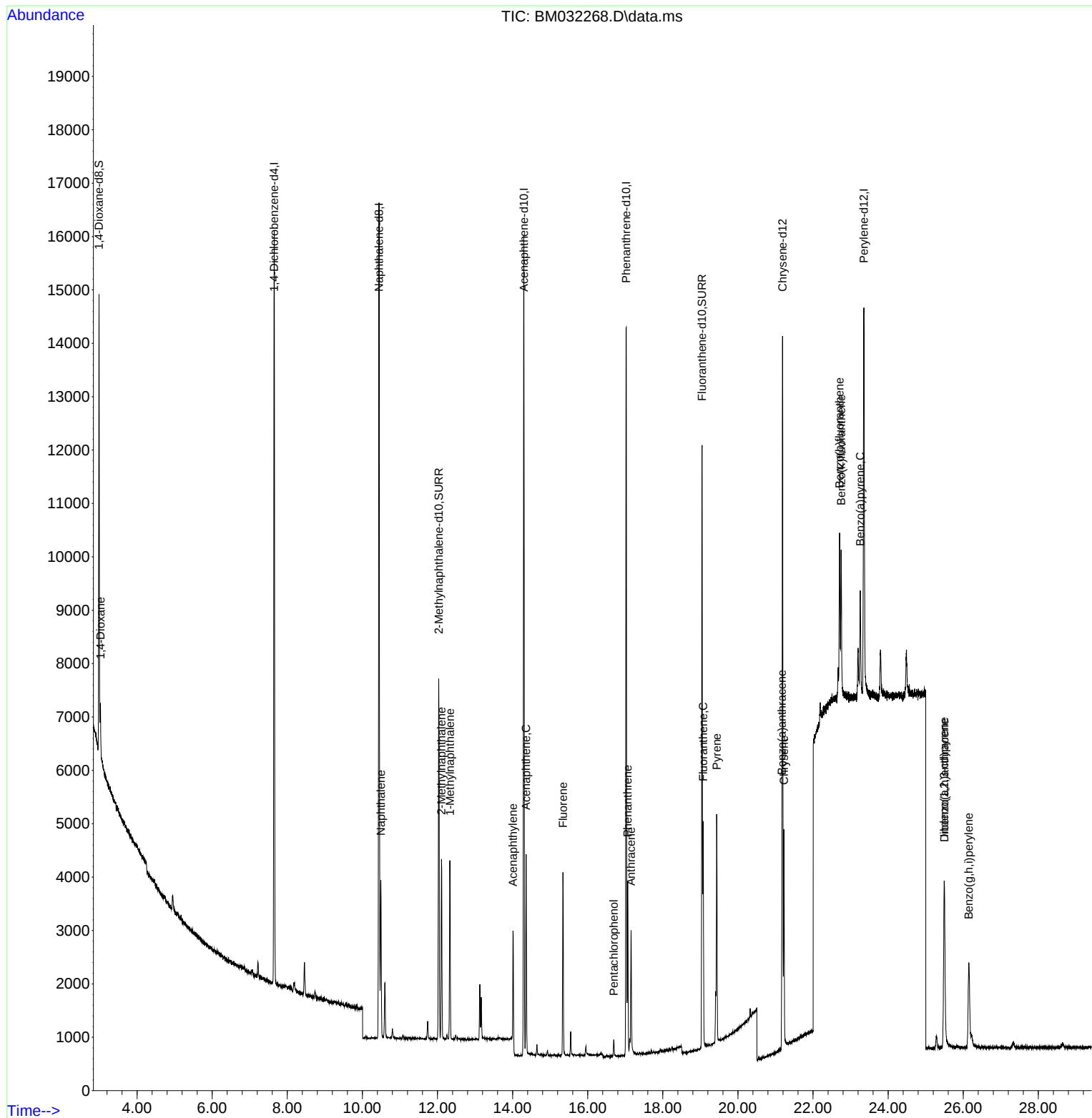
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	6512	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.443	136	19111	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.300	164	7921	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	14501	0.400	ng/ul	0.00
17) Chrysene-d12	21.188	240	10653	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	9213	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	4838	0.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	8236	0.324	ng/ul	-0.01
18) Fluoranthene-d10	19.046	212	11340	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.024	88	576	0.080	ng/ul#	67
5) Naphthalene	10.492	128	3828	0.068	ng/ul#	95
7) 2-Methylnaphthalene	12.107	142	2227	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.332	142	2163	0.061	ng/ul	99
10) Acenaphthylene	14.012	152	2383	0.075	ng/ul#	92
11) Acenaphthene	14.361	153	1989	0.068	ng/ul	98
12) Fluorene	15.343	166	2067	0.062	ng/ul#	98
14) Pentachlorophenol	16.696	266	219	0.060	ng/ul	95
15) Phenanthrene	17.064	178	3220	0.068	ng/ul	95
16) Anthracene	17.154	178	2498	0.064	ng/ul#	93
19) Fluoranthene	19.076	202	3354	0.075	ng/ul#	95
20) Pyrene	19.435	202	3312	0.074	ng/ul	95
21) Benzo(a)anthracene	21.171	228	2681	0.071	ng/ul	95
22) Chrysene	21.225	228	3315	0.075	ng/ul	96
24) Benzo(b)fluoranthene	22.706	252	3576	0.075	ng/ul#	48
25) Benzo(k)fluoranthene	22.748	252	3238	0.070	ng/ul#	41
26) Benzo(a)pyrene	23.256	252	2557	0.071	ng/ul#	33
27) Indeno(1,2,3-cd)pyrene	25.493	276	3314	0.072	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.500	278	2585	0.069	ng/ul#	64
29) Benzo(g,h,i)perylene	26.147	276	3226	0.074	ng/ul#	87

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

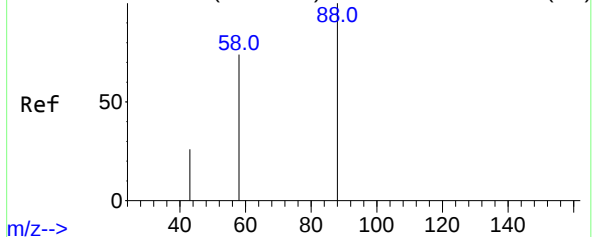
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032268.D
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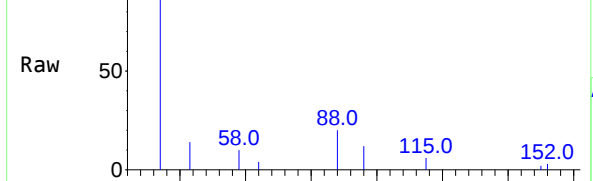


Abundance Scan 56 (3.027 min): BM032264.D\data.ms (-47)



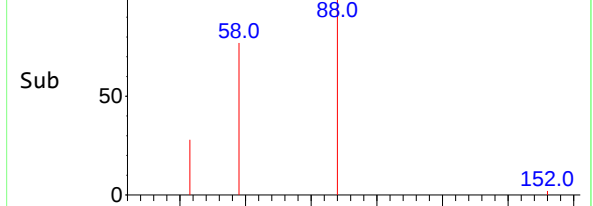
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Abundance Scan 55 (3.024 min): BM032268.D\data.ms



m/z-->

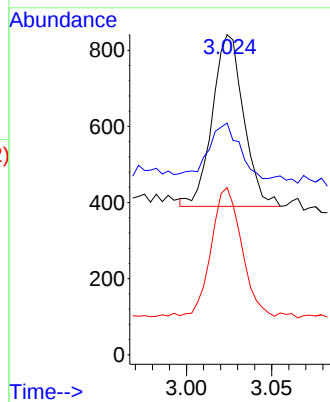
Abundance Scan 55 (3.024 min): BM032268.D\data.ms (-42)



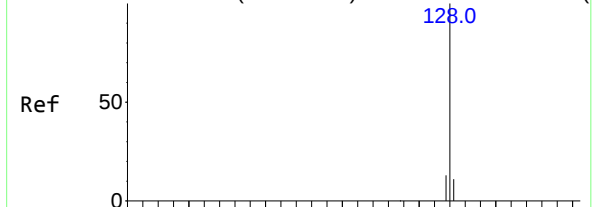
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#2
1,4-Dioxane
Concen: 0.080 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.003 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion: 88 Resp: 576
Ion Ratio Lower Upper
88 100
43 72.4 26.1 39.1#
58 52.2 50.2 75.2

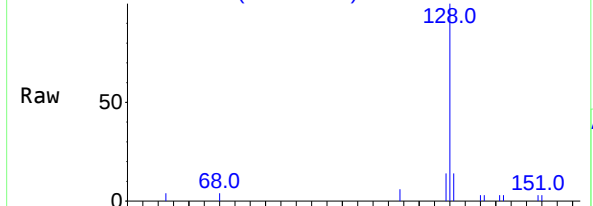


Abundance Scan 2181 (10.492 min): BM032264.D\data.ms (-47)



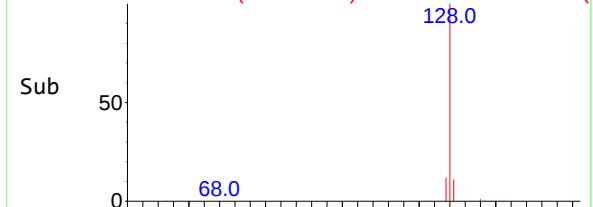
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Abundance Scan 2181 (10.492 min): BM032268.D\data.ms



m/z-->

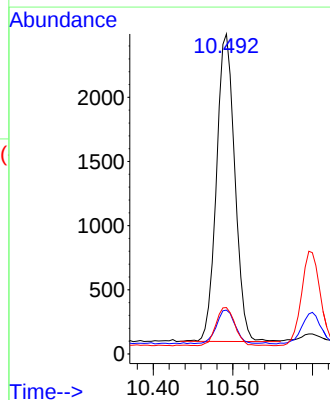
Abundance Scan 2181 (10.492 min): BM032268.D\data.ms (-42)

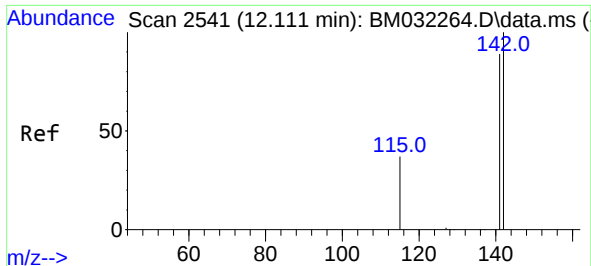


m/z-->

#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.492 min Scan# 2181
Delta R.T. -0.014 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion: 128 Resp: 3828
Ion Ratio Lower Upper
128 100
129 13.7 9.0 13.4#
127 14.5 10.5 15.7

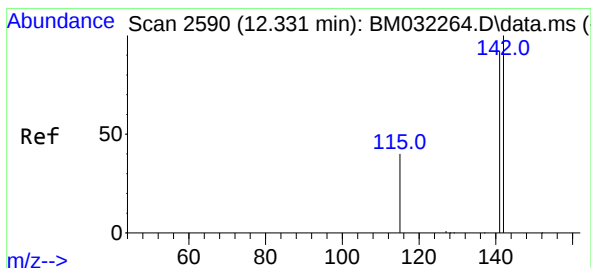
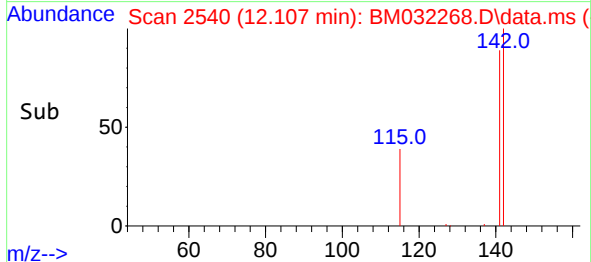
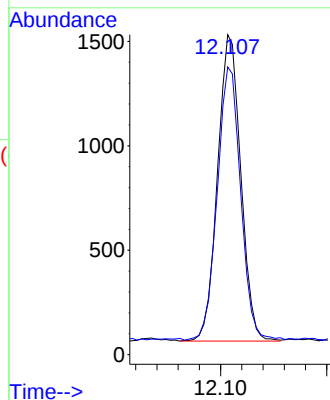
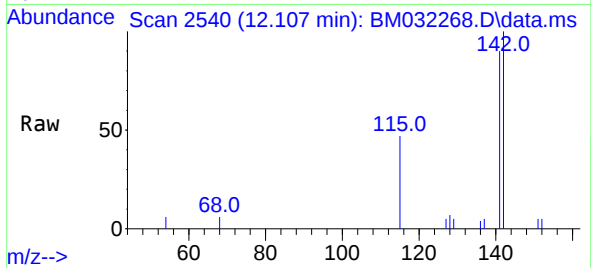




#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.107 min Scan# 2540
Delta R.T. -0.013 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

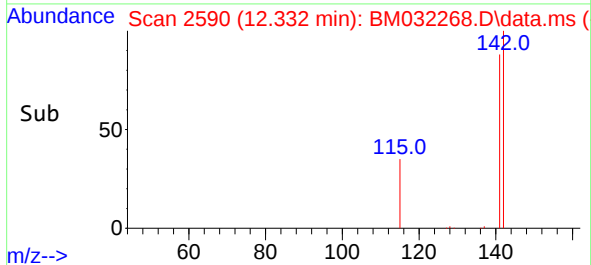
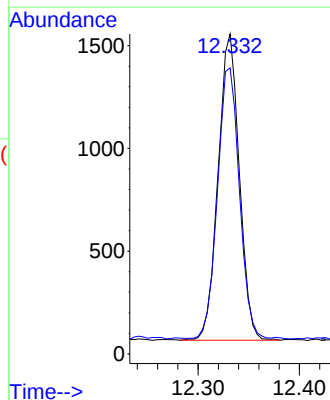
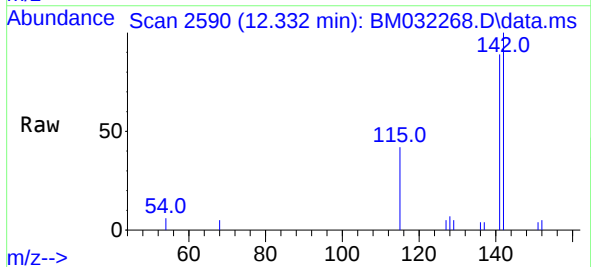
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

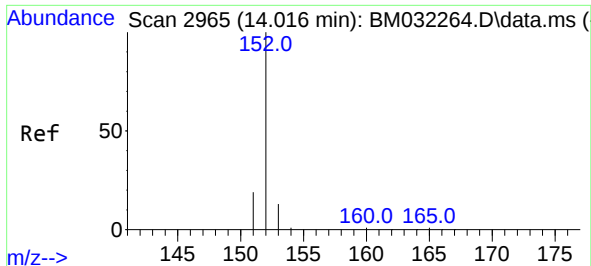
Tgt Ion:142 Resp: 2227
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.332 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:142 Resp: 2163
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6

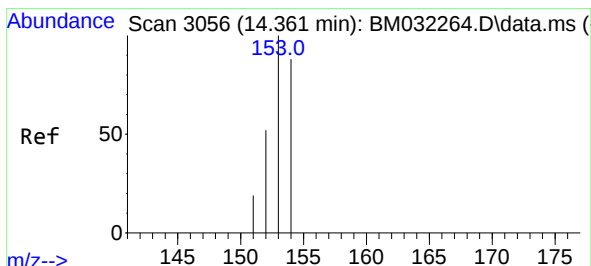
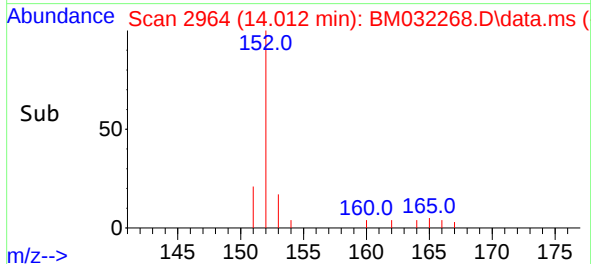
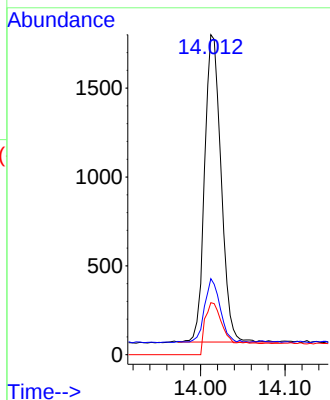
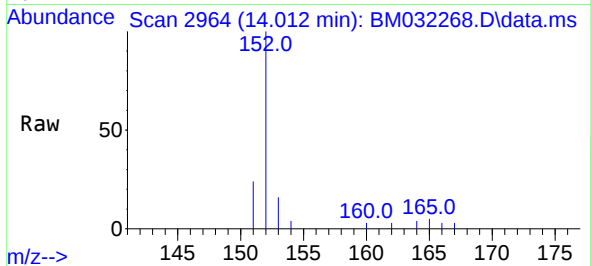




#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.012 min Scan# 2964
Delta R.T. -0.011 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

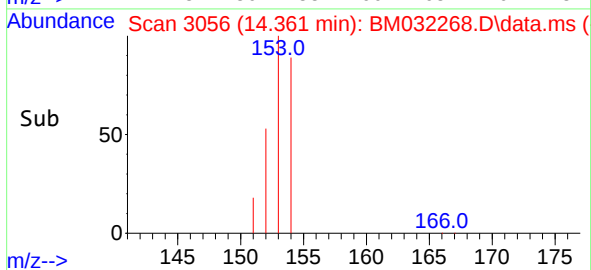
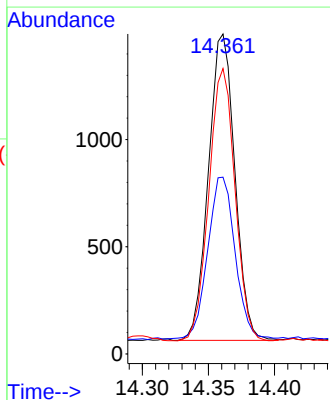
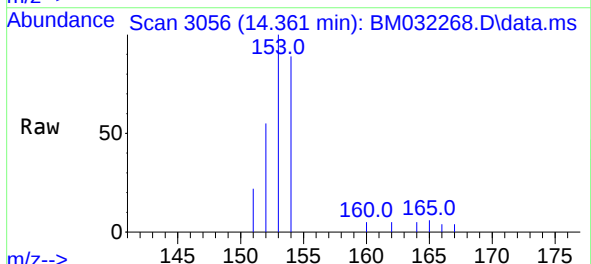
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

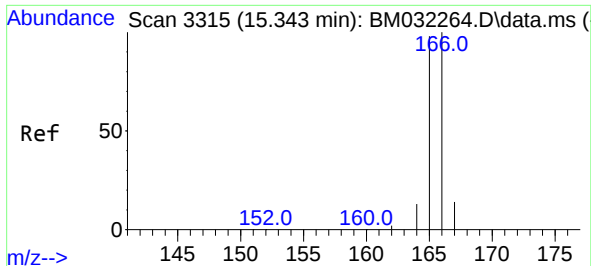
Tgt Ion:	152	Resp:	2383
Ion Ratio	Lower	Upper	
152	100		
151	23.8	16.0	24.0
153	16.3	10.7	16.1#



#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:	153	Resp:	1989
Ion Ratio	Lower	Upper	
153	100		
152	55.3	41.6	62.4
154	89.2	71.2	106.8

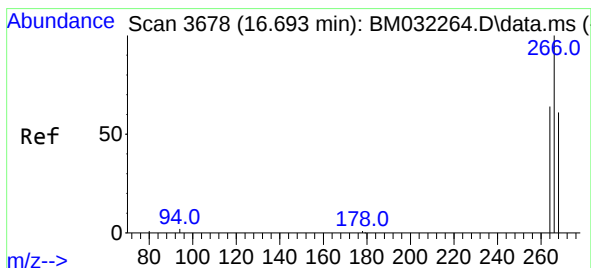
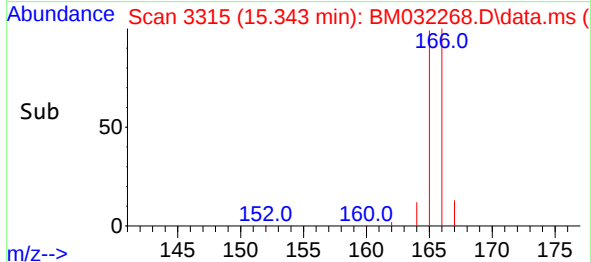
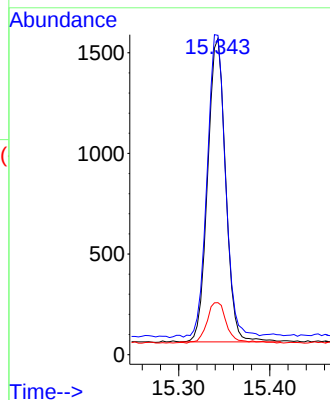
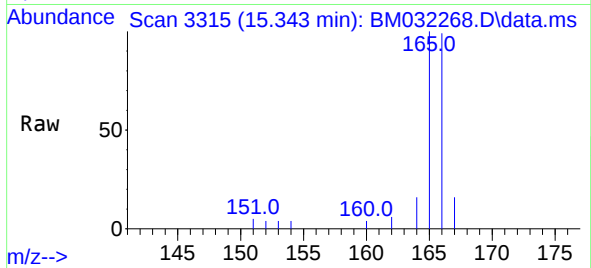




#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

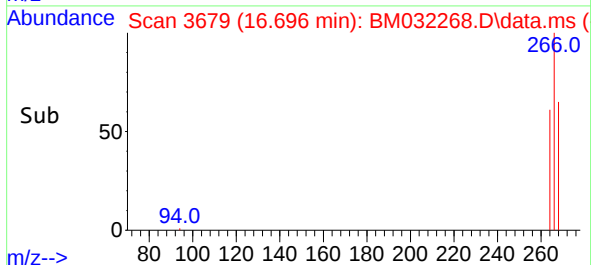
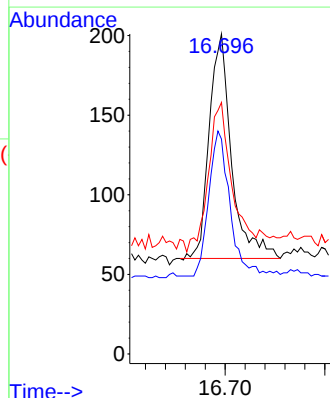
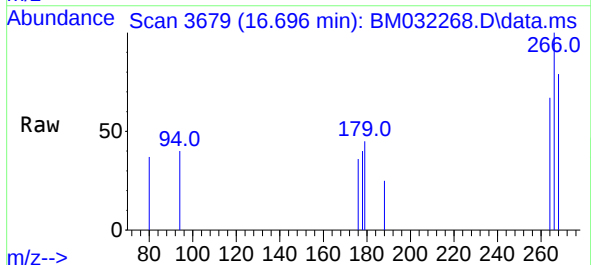
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

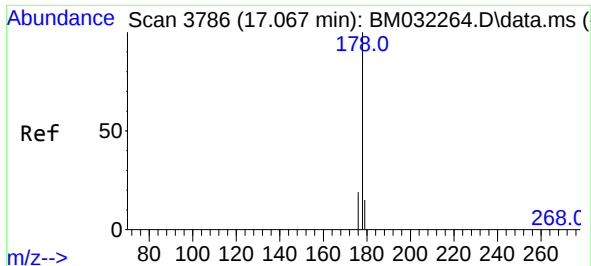
Tgt Ion:	166	Resp:	2067
Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.4	119.2
167	16.4	10.8	16.2#



#14
Pentachlorophenol
Concen: 0.060 ng/ul
RT: 16.696 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:	266	Resp:	219
Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.8	74.8
268	70.8	50.4	75.6

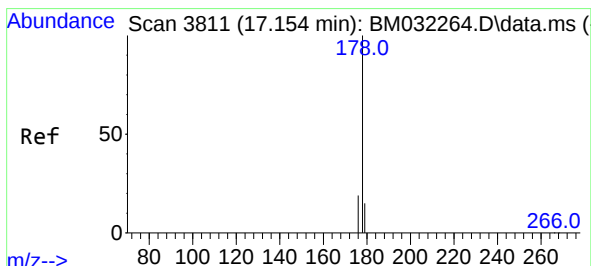
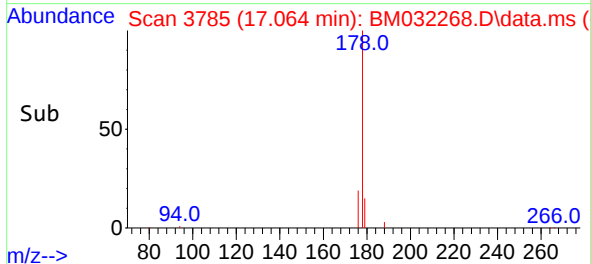
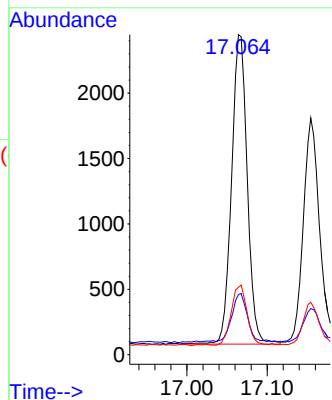
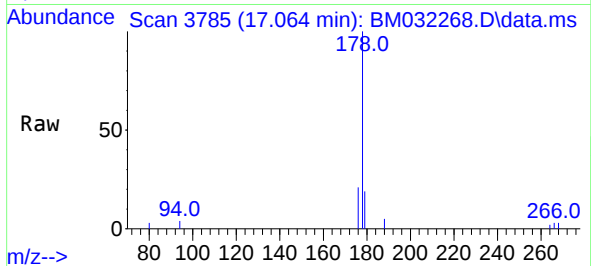




#15
Phenanthrene
Concen: 0.068 ng/u1
RT: 17.064 min Scan# 3785
Delta R.T. -0.010 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

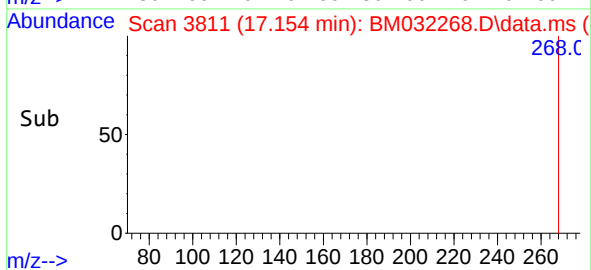
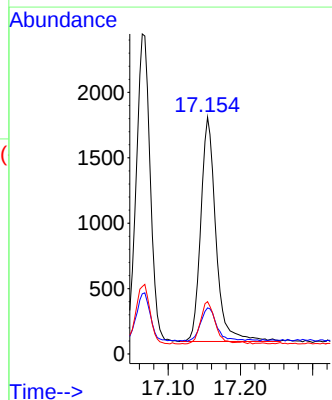
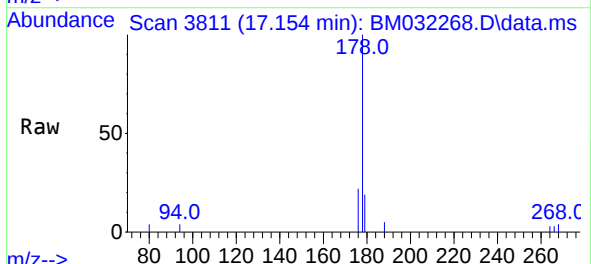
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

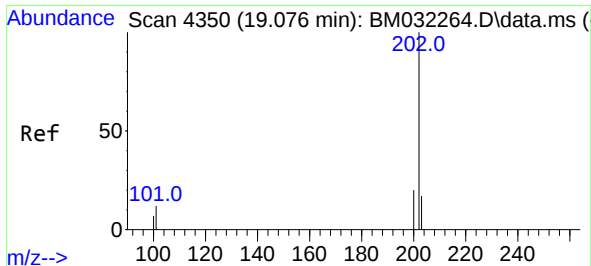
Tgt Ion:	178	Resp:	3220
Ion Ratio	Lower	Upper	
178	100		
179	18.8	12.6	18.8
176	21.0	15.8	23.6



#16
Anthracene
Concen: 0.064 ng/u1
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:	178	Resp:	2498
Ion Ratio	Lower	Upper	
178	100		
179	19.5	12.7	19.1#
176	22.1	15.3	22.9

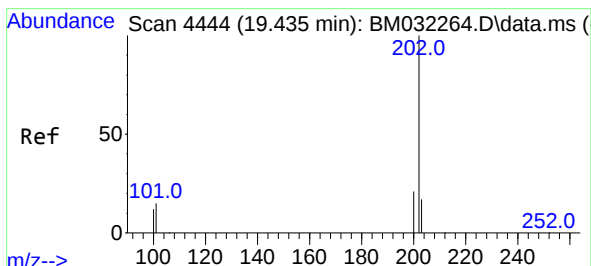
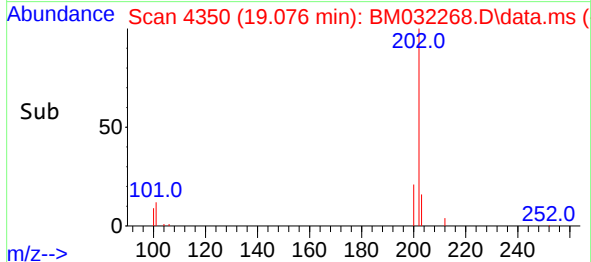
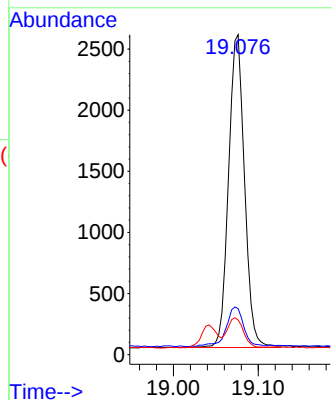
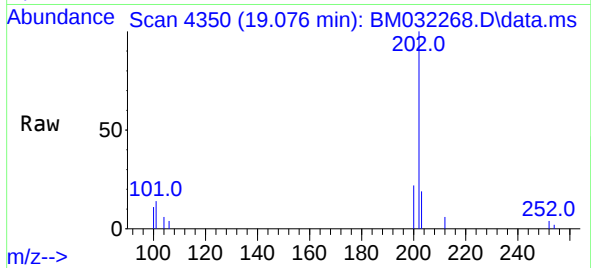




#19
Fluoranthene
Concen: 0.075 ng/u1
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

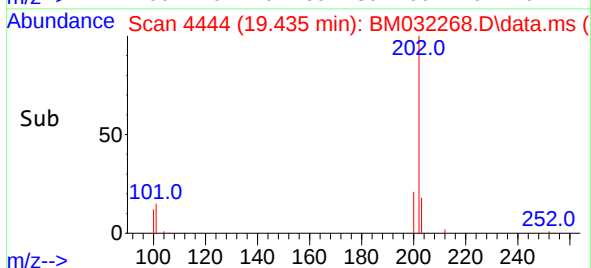
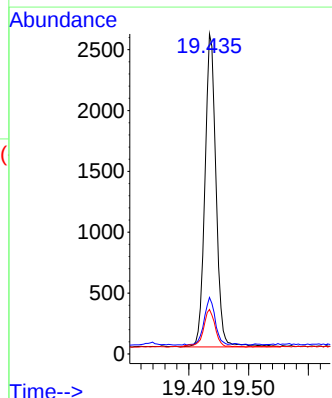
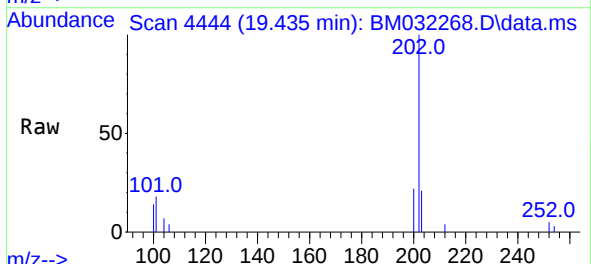
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

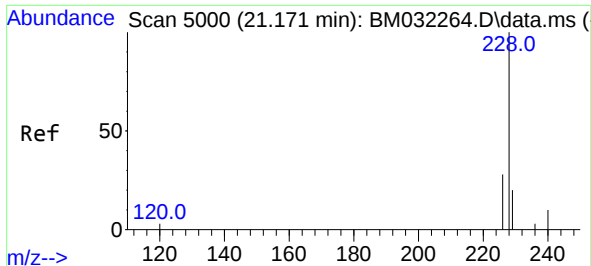
Tgt Ion:202	Resp:	3354
Ion Ratio	Lower	Upper
202	100	
101	14.4	9.8 14.8
100	10.8	7.2 10.8#



#20
Pyrene
Concen: 0.074 ng/u1
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:202	Resp:	3312
Ion Ratio	Lower	Upper
202	100	
101	17.6	12.1 18.1
100	13.9	9.8 14.6

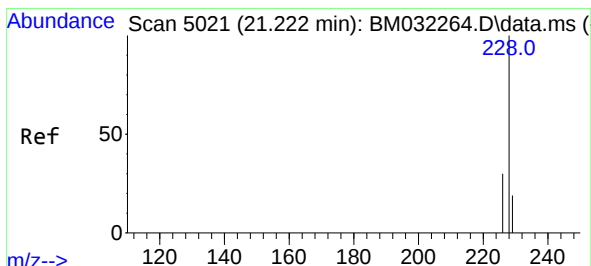
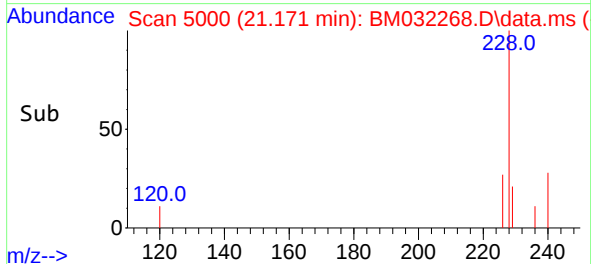
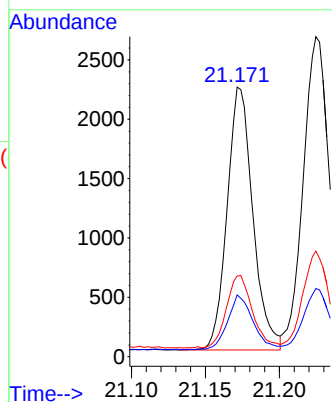
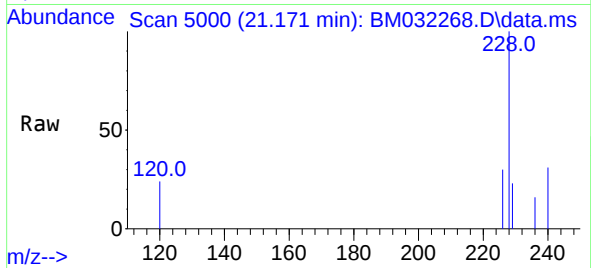




#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

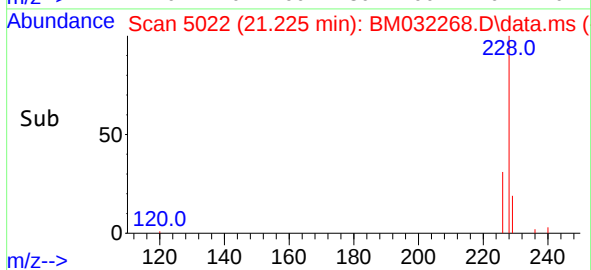
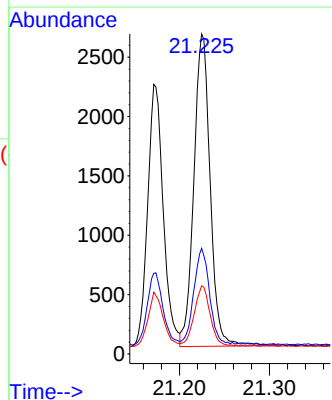
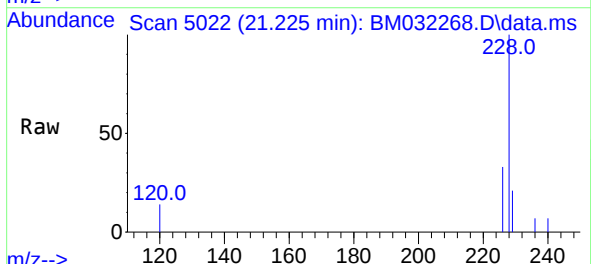
Instrument :
BNA_M
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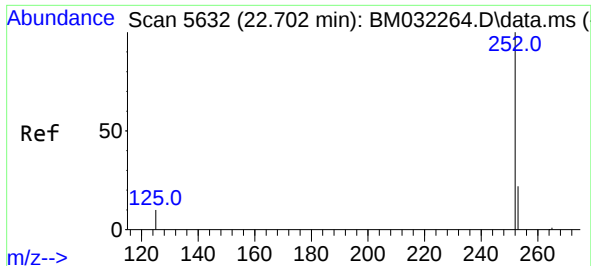
Tgt Ion:228	Resp:	2681
Ion Ratio	Lower	Upper
228	100	
229	22.9	16.0 24.0
226	29.9	22.3 33.5



#22
Chrysene
Concen: 0.075 ng/ul
RT: 21.225 min Scan# 5022
Delta R.T. -0.005 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:228	Resp:	3315
Ion Ratio	Lower	Upper
228	100	
226	33.0	24.6 37.0
229	21.3	15.6 23.4

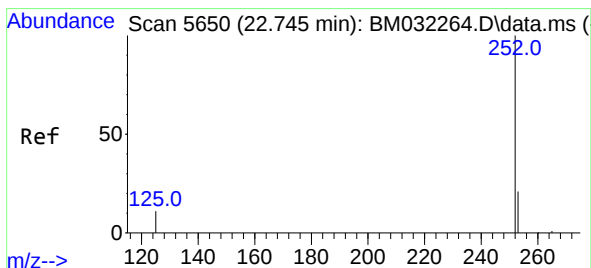
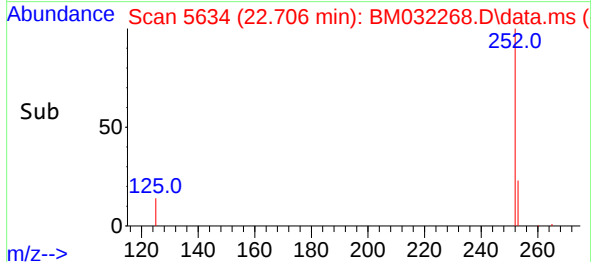
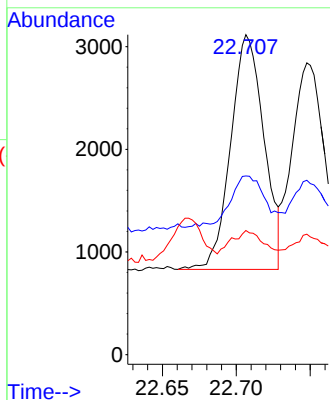
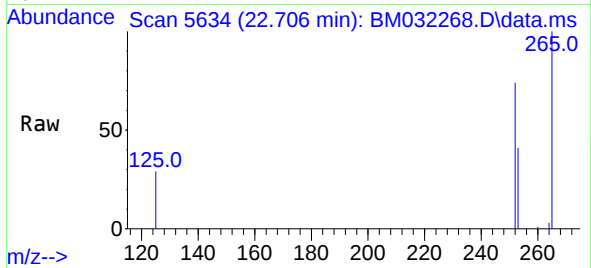




#24
Benzo(b)fluoranthene
Concen: 0.075 ng/ul
RT: 22.706 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

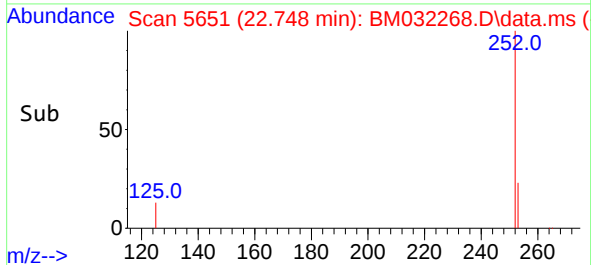
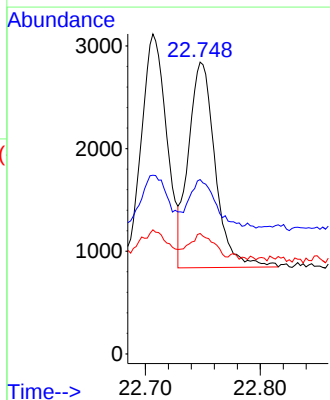
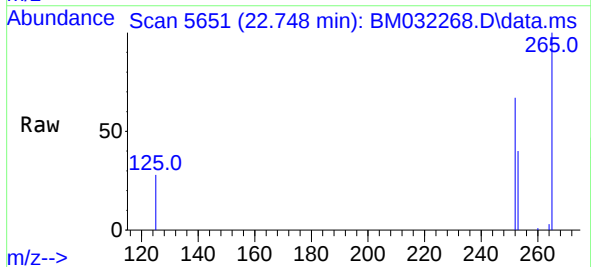
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

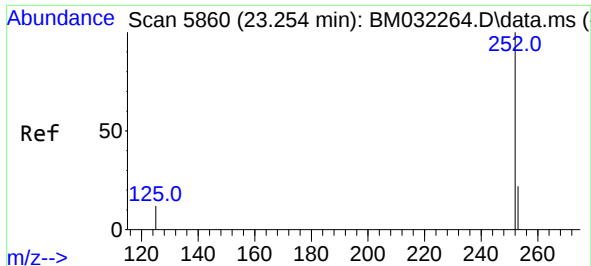
Tgt Ion:252	Resp:	3576
Ion Ratio	Lower	Upper
252	100	
253	55.8	0.0 58.0
125	38.8	0.0 31.4#



#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul
RT: 22.748 min Scan# 5651
Delta R.T. -0.007 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:252	Resp:	3238
Ion Ratio	Lower	Upper
252	100	
253	59.7	22.9 34.3#
125	41.3	12.9 19.3#

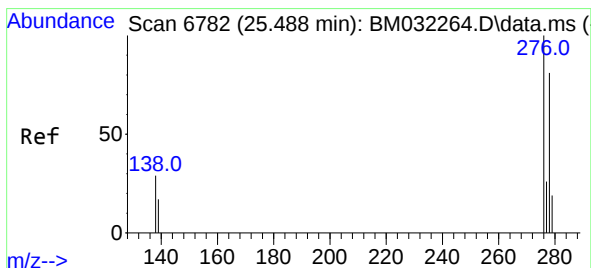
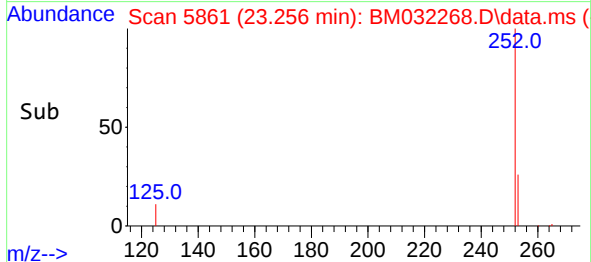
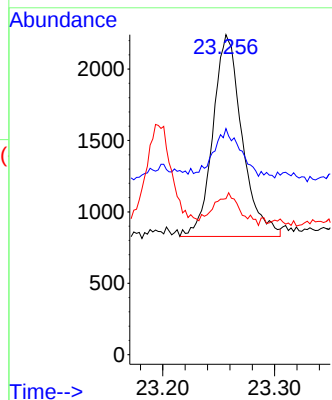
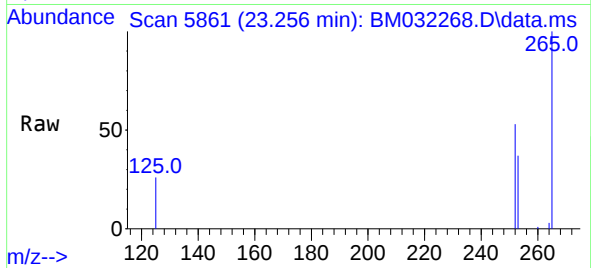




#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.256 min Scan# 5861
Delta R.T. -0.007 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

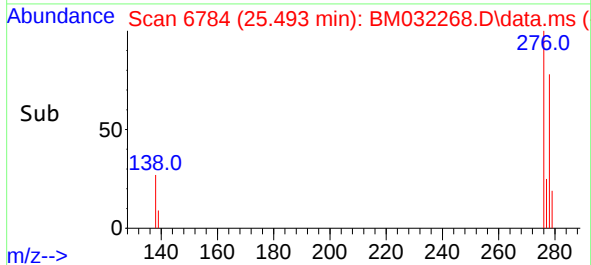
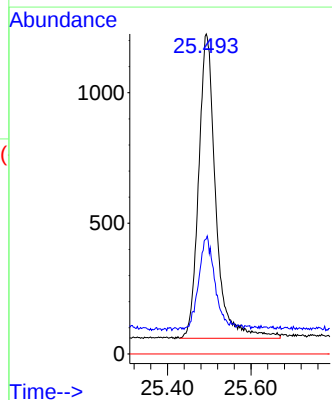
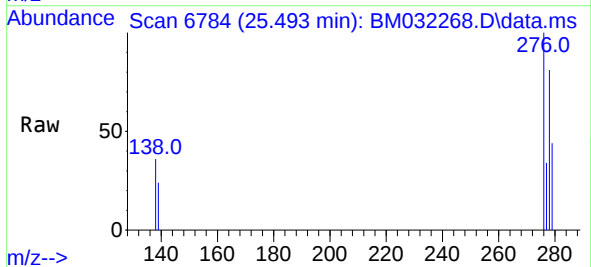
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

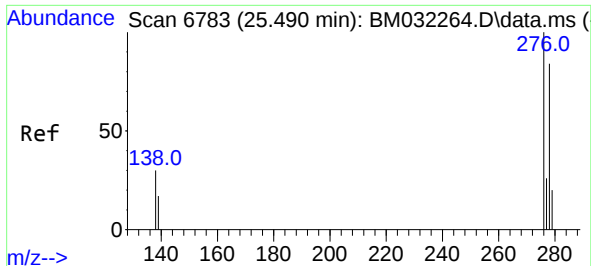
Tgt Ion:252 Resp: 2557
Ion Ratio Lower Upper
252 100
253 70.6 25.8 38.8#
125 48.8 15.4 23.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng/ul
RT: 25.493 min Scan# 6784
Delta R.T. -0.012 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:276 Resp: 3314
Ion Ratio Lower Upper
276 100
138 28.3 24.3 36.5
227 0.0 0.0 0.0

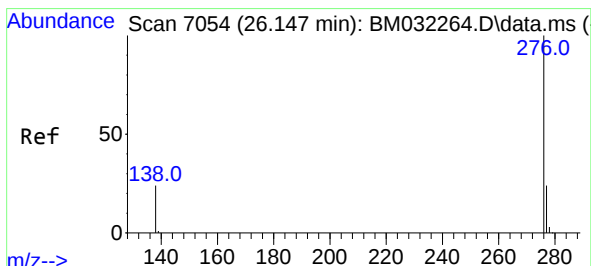
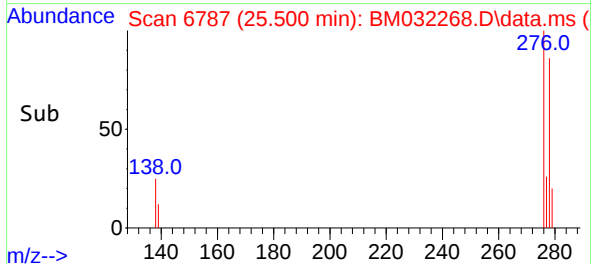
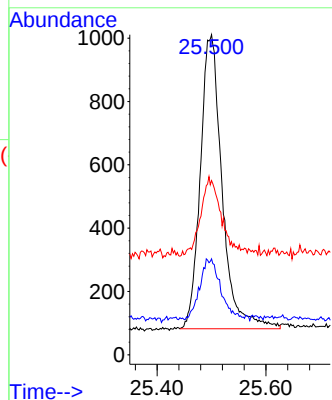
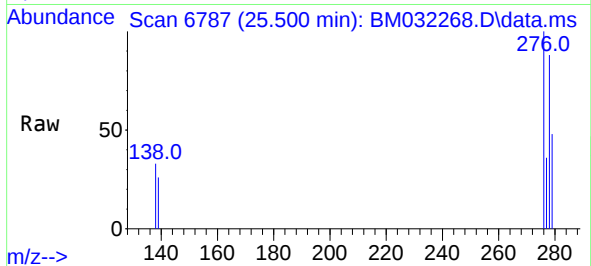




#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.500 min Scan# 6787
Delta R.T. -0.010 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2021-07

Tgt Ion:278 Resp: 2585
Ion Ratio Lower Upper
278 100
139 30.0 16.6 24.8#
279 54.4 23.0 34.6#



#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.147 min Scan# 7054
Delta R.T. -0.017 min
Lab File: BM032268.D
Acq: 29 Sep 2021 11:03

Tgt Ion:276 Resp: 3226
Ion Ratio Lower Upper
276 100
138 31.2 21.0 31.4
277 33.0 19.8 29.8#

