Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111220\
Data File : BN012562.D
Acq On : 12 Nov 2020 13:52
Operator : CG/JU
Sample : L4485-04
Misc : SOILMDL04
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-04

Quant Time: Nov 12 14:29:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 12:44:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	584	0.40	ng/ul	0.00
4) Naphthalene-d8	10.24	136	2239	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.12	164	1253	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.87	188	2462	0.40	ng/ul	0.00
19) Chrysene-d12	21.08	240	2191	0.40	ng/ul	0.00
23) Perylene-d12	23.19	264	2408	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	624	0.79	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.85	152	983	0.31	ng/ul	0.02
17) Fluoranthene-d10	18.91	212	2201	0.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	80	0.100	ng/ul#	78
5) Naphthalene	10.29	128	437	0.069	ng/ul#	47
7) 2-Methylnaphthalene	11.92	142	277	0.068	ng/ul	94
8) 1-Methylnaphthalene	12.14	142	274	0.070	ng/ul	98
10) Acenaphthylene	13.84	152	391	0.071	ng/ul#	64
11) Acenaphthene	14.18	153	321	0.068	ng/ul#	90
12) Fluorene	15.19	166	363	0.068	ng/ul#	88
14) Pentachlorophenol	16.54	266	49	0.073	ng/ul	92
15) Phenanthrene	16.92	178	577	0.071	ng/ul#	74
16) Anthracene	17.01	178	454	0.068	ng/ul#	63
18) Fluoranthene	18.93	202	770	0.085	ng/ul#	75
20) Pyrene	19.30	202	804	0.078	ng/ul#	79
21) Benzo(a)anthracene	21.06	228	626	0.078	ng/ul#	85
22) Chrysene	21.11	228	808	0.084	ng/ul#	88
24) Benzo(b)fluoranthene	22.57	252	821	0.080	ng/ul#	41
25) Benzo(k)fluoranthene	22.61	252	1023	0.087	ng/ul#	48
26) Benzo(a)pyrene	23.11	252	824	0.085	ng/ul#	17
27) Indeno(1,2,3-cd)pyrene	25.28	276	997	0.078	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.30	278	780	0.076	ng/ul#	35
29) Benzo(g,h,i)perylene	25.92	276	938	0.080	ng/ul#	81

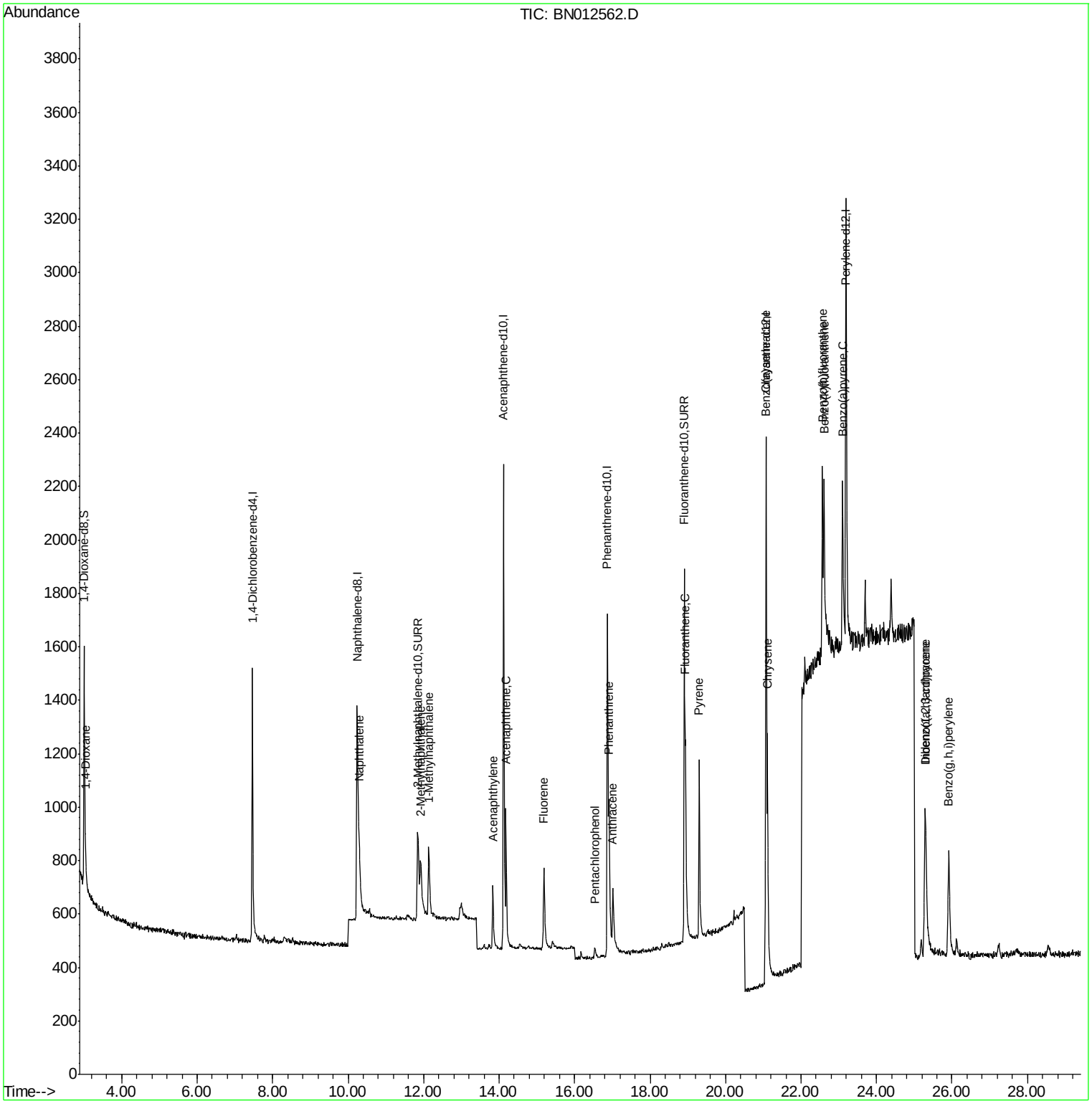
(#) = qualifier out of range (m) = manual integration (+) = signals summed

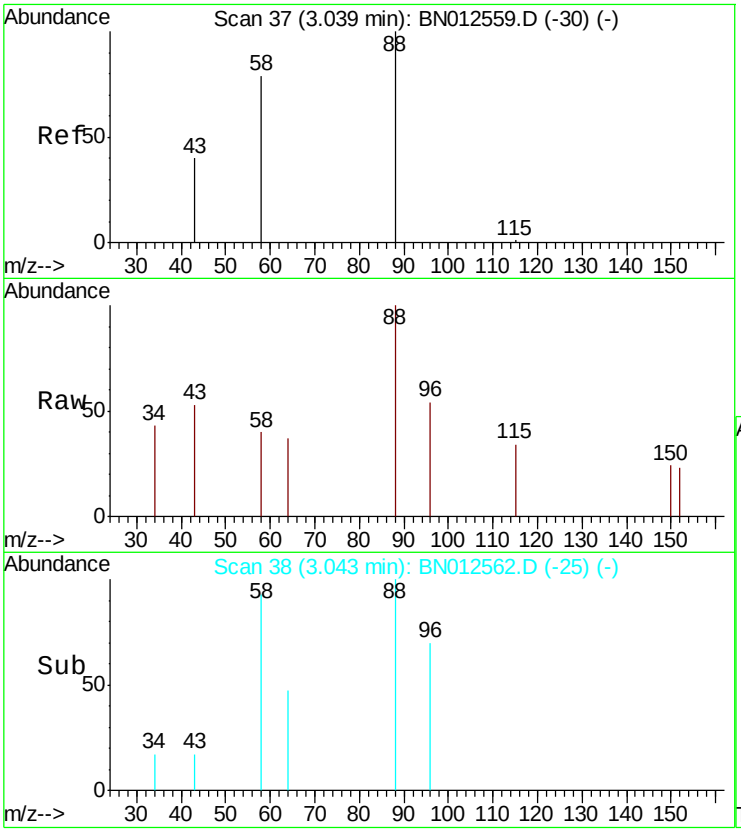
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111220\
Data File : BN012562.D
Acq On : 12 Nov 2020 13:52
Operator : CG/JU
Sample : L4485-04
Misc : SOILMDL04
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Quant Time: Nov 12 14:29:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 12:44:03 2020
Response via : Initial Calibration



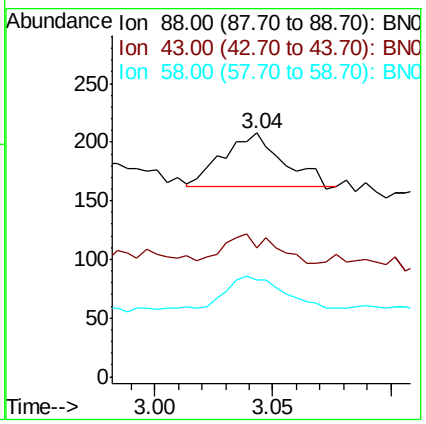


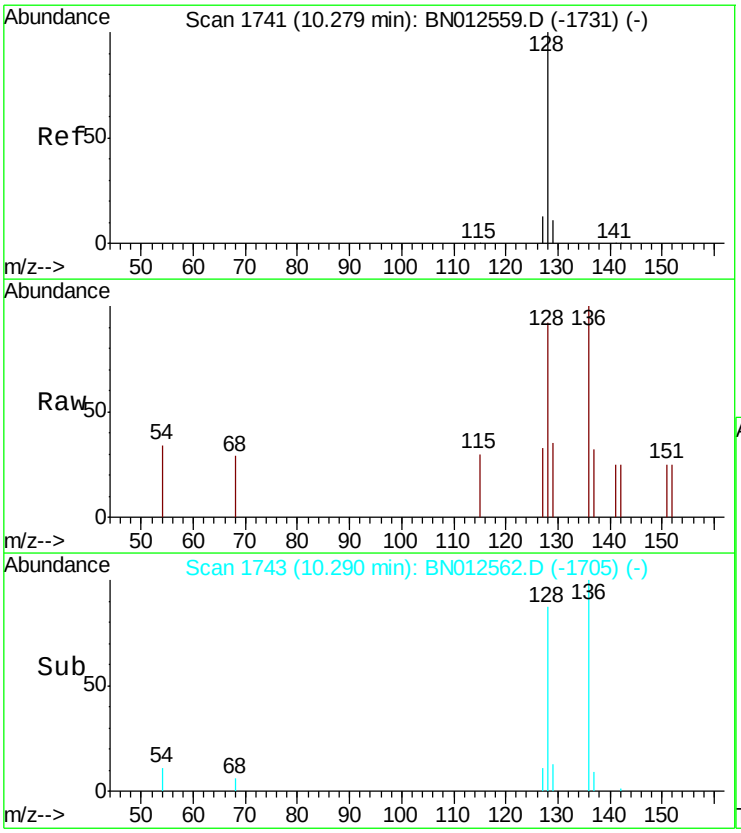
#2
1,4-Dioxane
Concen: 0.100 ng/ul
RT: 3.04 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	52.9	42.7	64.1
58	39.9	57.3	85.9#

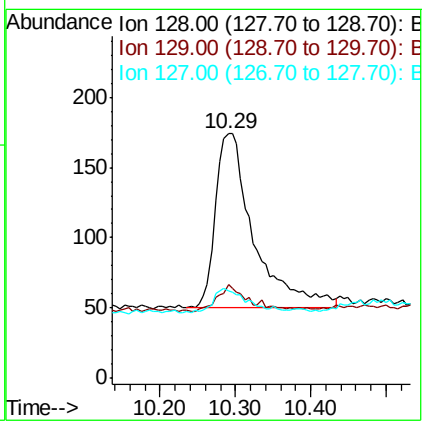


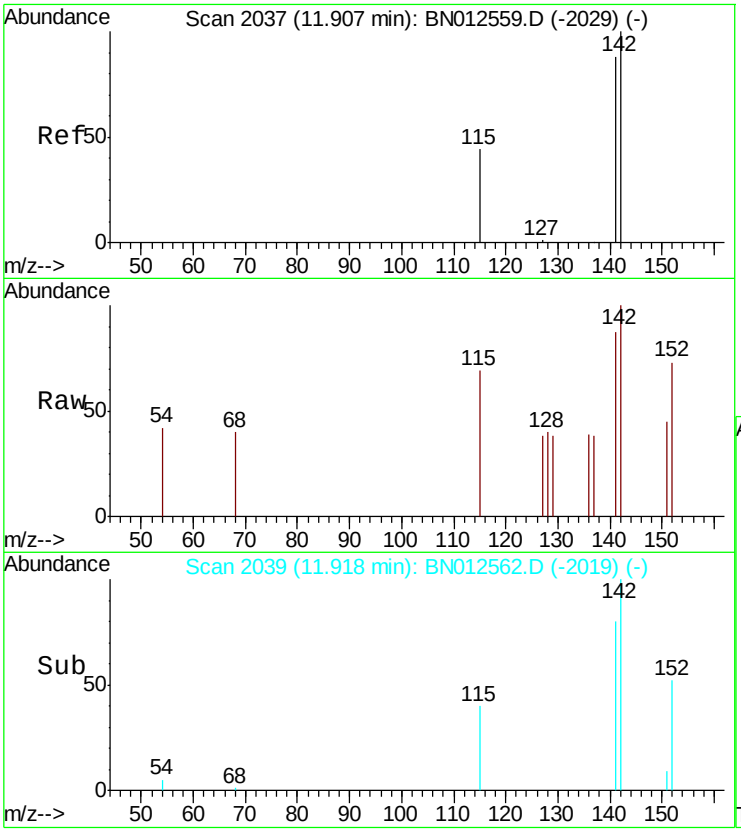


#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.29 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:128 Resp: 437

Ion	Ratio	Lower	Upper
128	100		
129	37.9	11.1	16.7#
127	35.6	12.6	18.8#



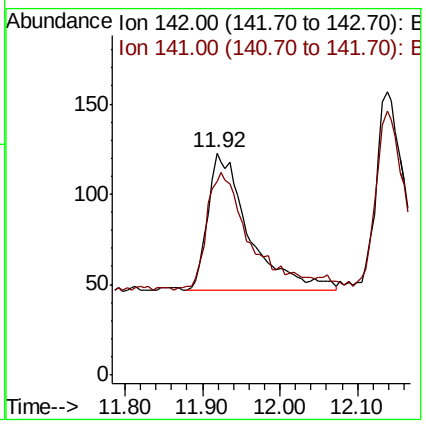


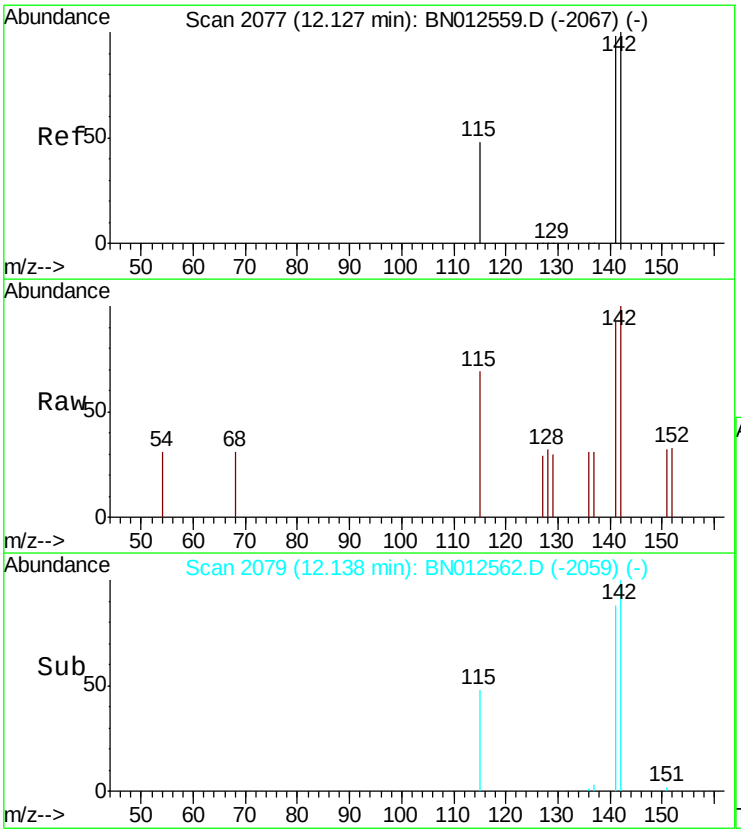
#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 11.92 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:142 Resp: 277

Ion	Ratio	Lower	Upper
142	100		
141	96.0	72.1	108.1

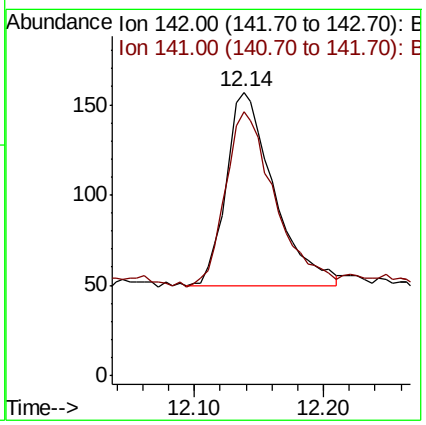


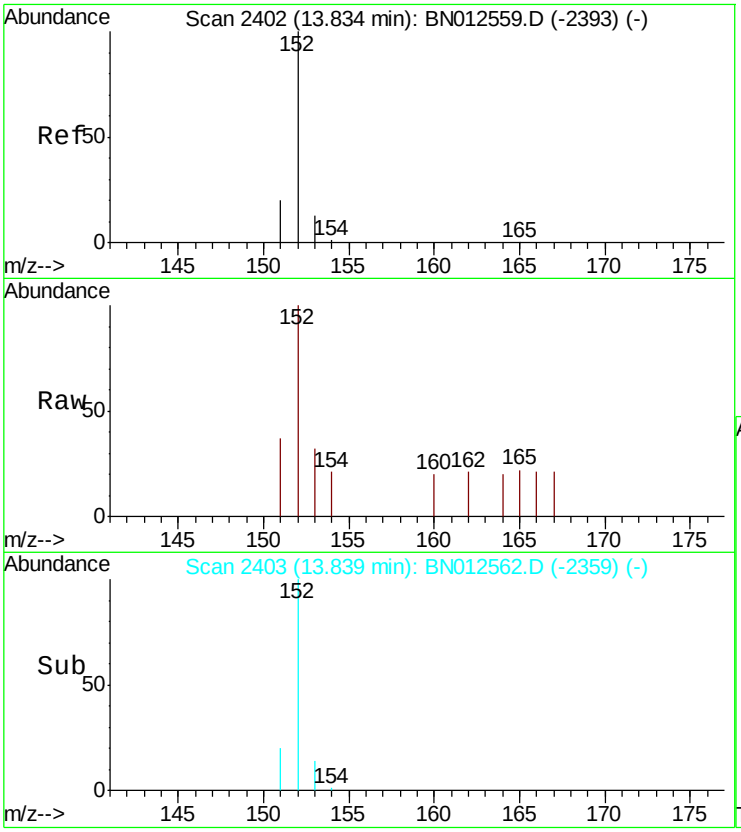


#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.14 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:142 Resp: 274

Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.3	112.9



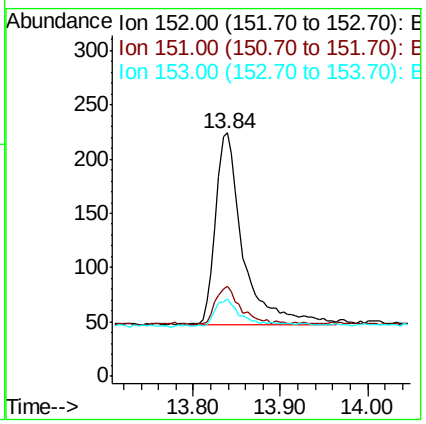


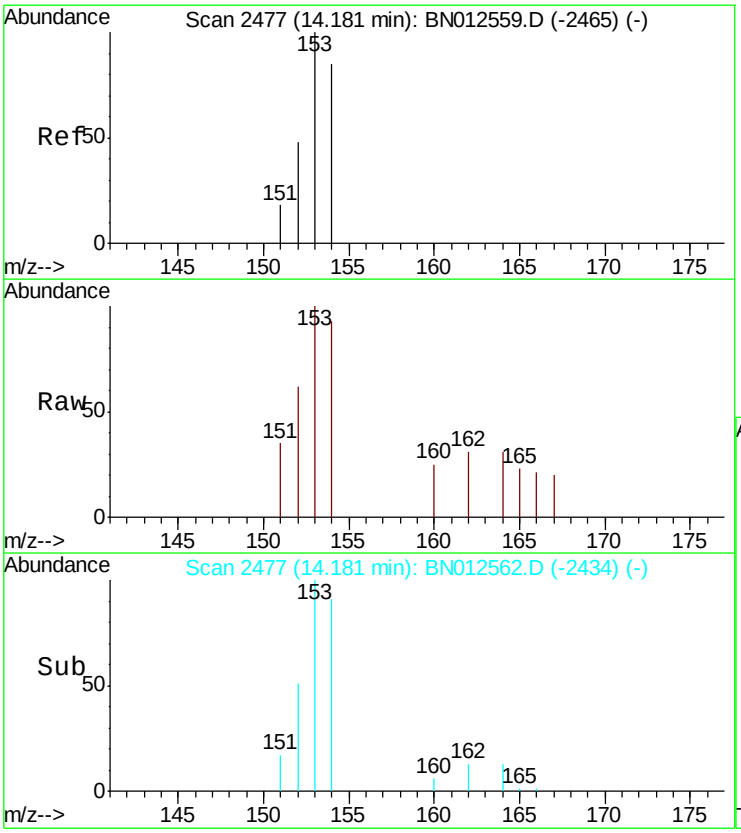
#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.84 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:152 Resp: 391

Ion	Ratio	Lower	Upper
152	100		
151	37.1	17.0	25.4#
153	31.7	12.5	18.7#

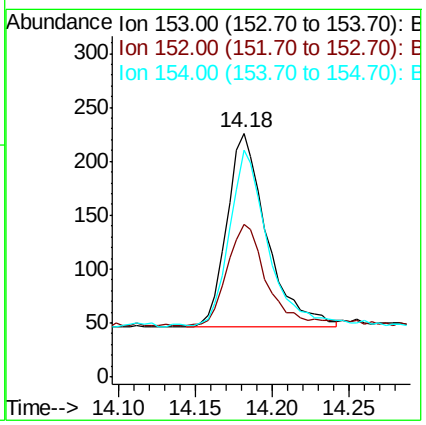


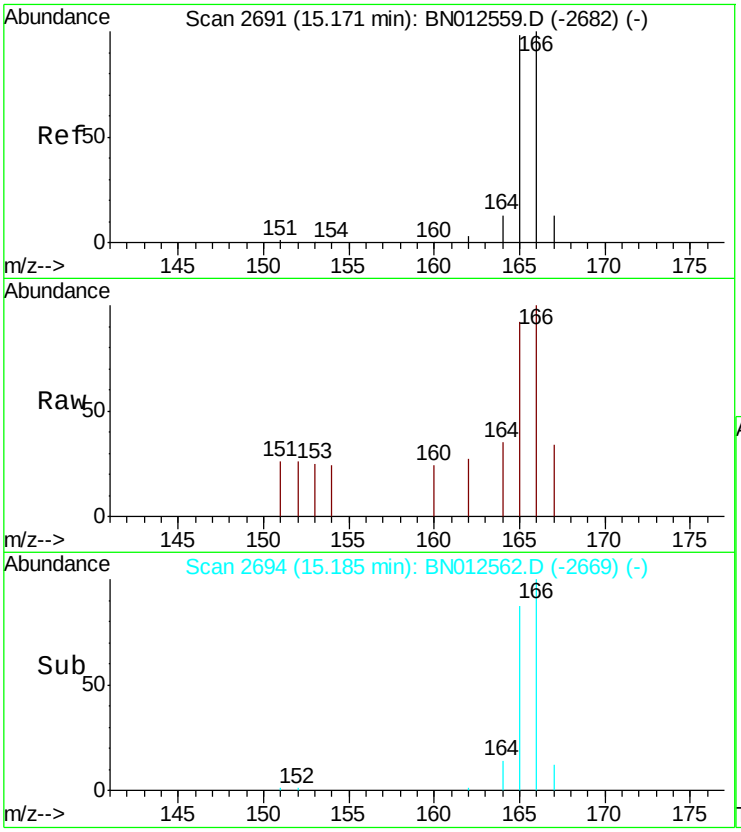


#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.18 min Scan# 2477
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:153 Resp: 321

Ion	Ratio	Lower	Upper
153	100		
152	62.4	39.9	59.9#
154	92.9	69.9	104.9



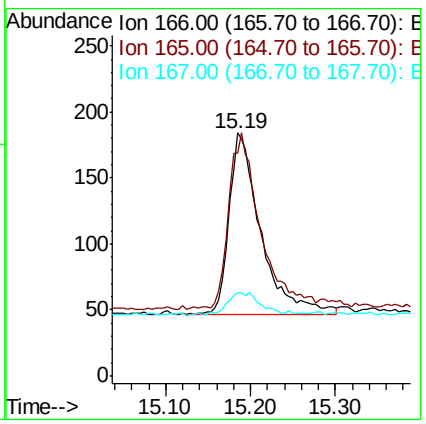


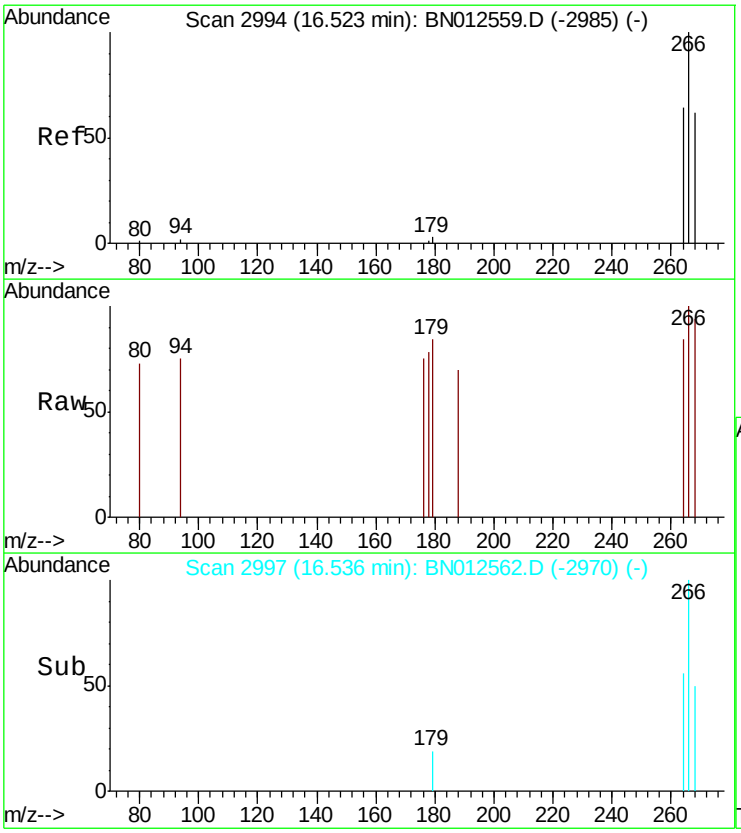
#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.19 min Scan# 2694
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:166 Resp: 363

Ion	Ratio	Lower	Upper
166	100		
165	91.8	78.6	117.8
167	34.2	12.6	19.0#

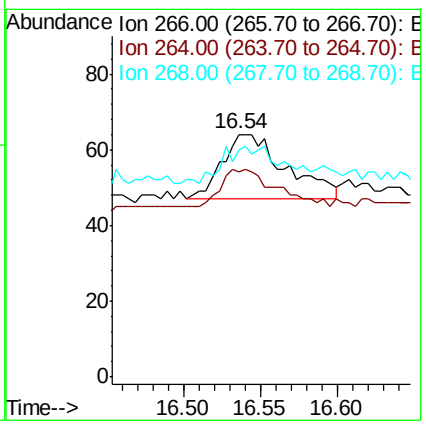


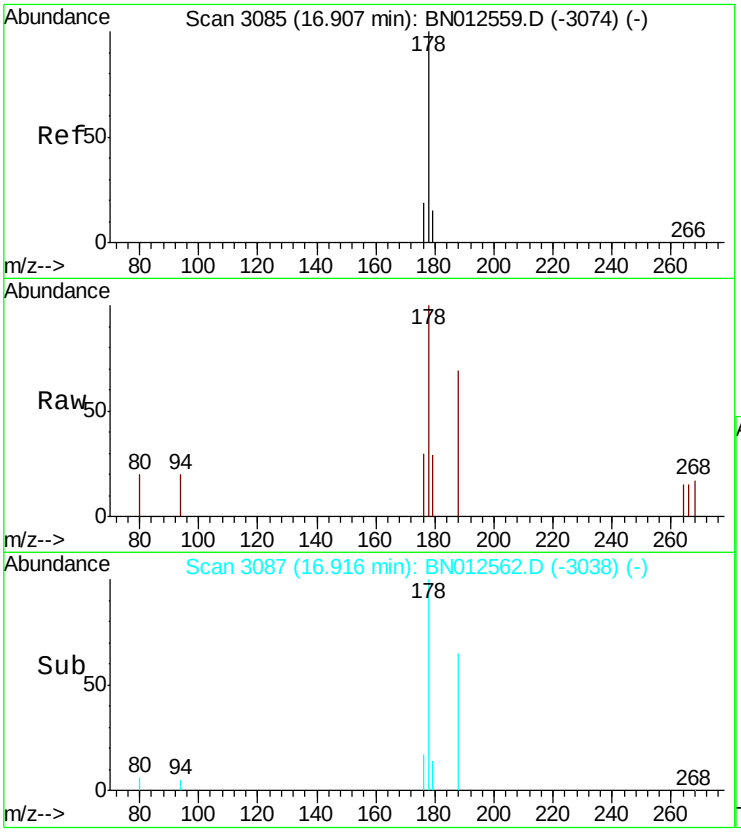


#14
Pentachlorophenol
Concen: 0.073 ng/ul
RT: 16.54 min Scan# 2997
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
264	49.0	48.6	73.0
268	69.4	55.2	82.8



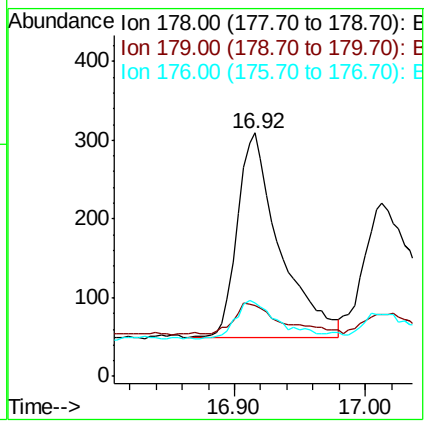


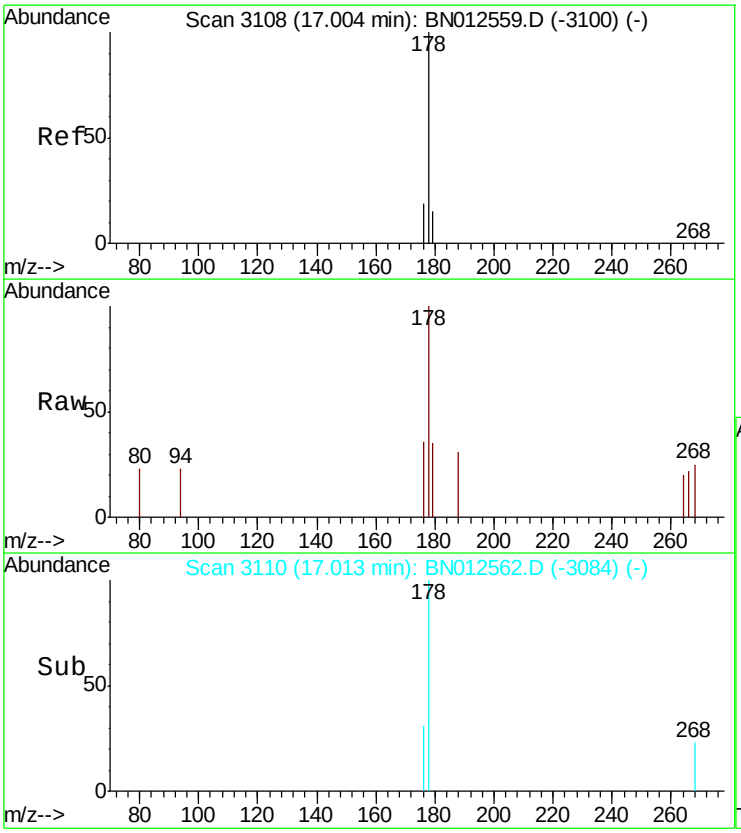
#15
Phenanthrene
Concen: 0.071 ng/ul
RT: 16.92 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:178 Resp: 577

Ion	Ratio	Lower	Upper
178	100		
179	29.1	13.0	19.6#
176	30.1	15.8	23.8#

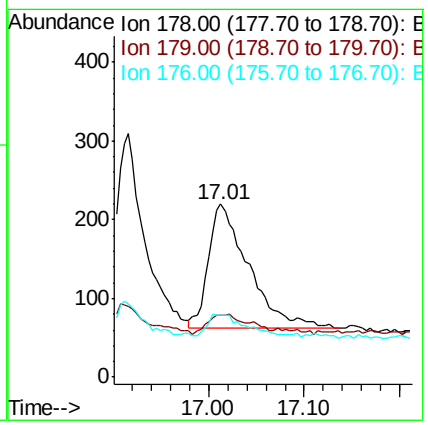


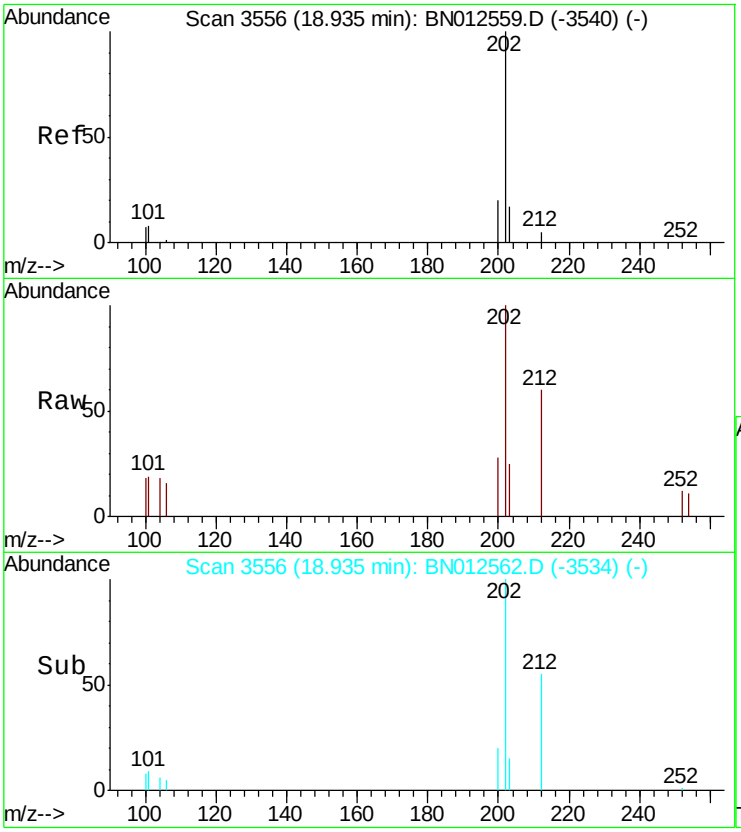


#16
Anthracene
Concen: 0.068 ng/ul
RT: 17.01 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:178 Resp: 454

Ion	Ratio	Lower	Upper
178	100		
179	35.5	14.2	21.4#
176	35.9	15.9	23.9#



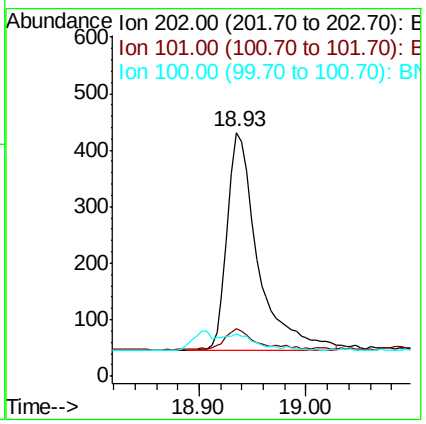


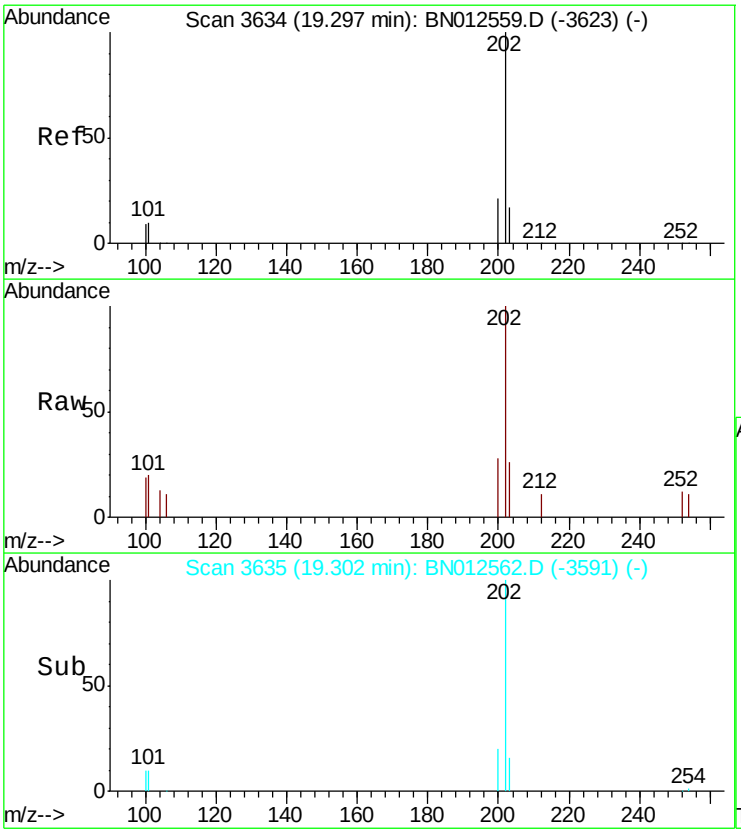
#18
Fluoranthene
Concen: 0.085 ng/ul
RT: 18.93 min Scan# 3556
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:202 Resp: 770

Ion	Ratio	Lower	Upper
202	100		
101	19.5	8.2	12.2#
100	17.6	6.9	10.3#

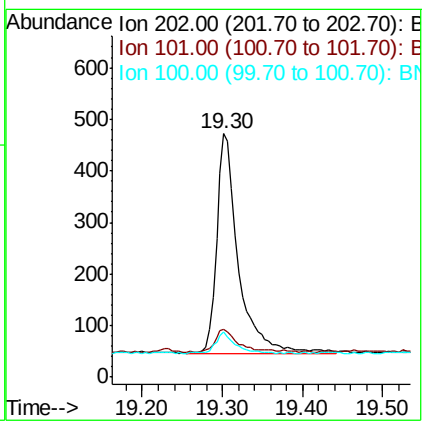


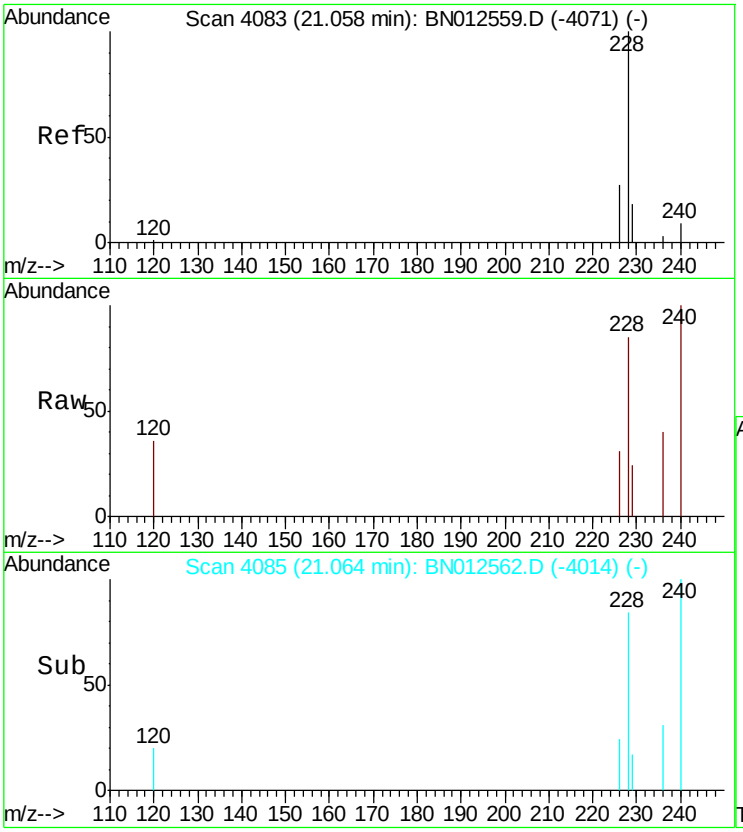


#20
Pyrene
Concen: 0.078 ng/ul
RT: 19.30 min Scan# 3635
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:202 Resp: 804

Ion	Ratio	Lower	Upper
202	100		
101	19.7	9.4	14.2#
100	18.6	8.6	12.8#



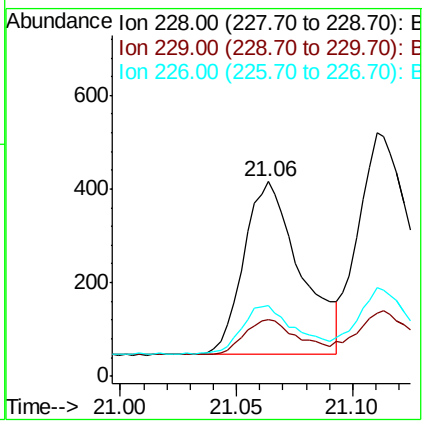


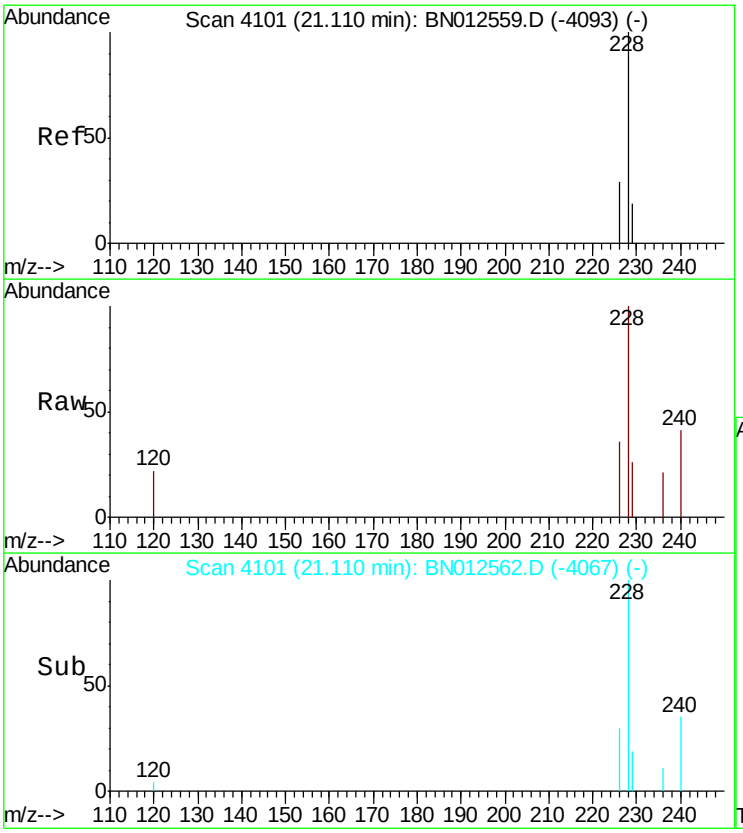
#21
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:228 Resp: 626

Ion	Ratio	Lower	Upper
228	100		
229	28.9	16.6	25.0#
226	36.6	23.5	35.3#

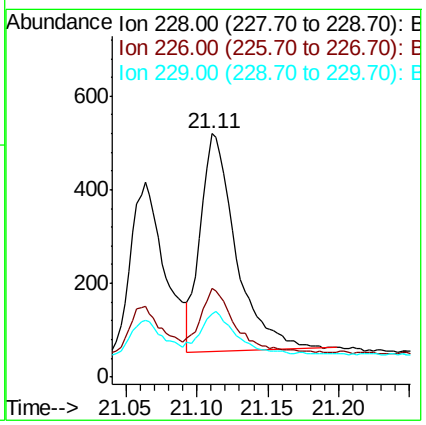


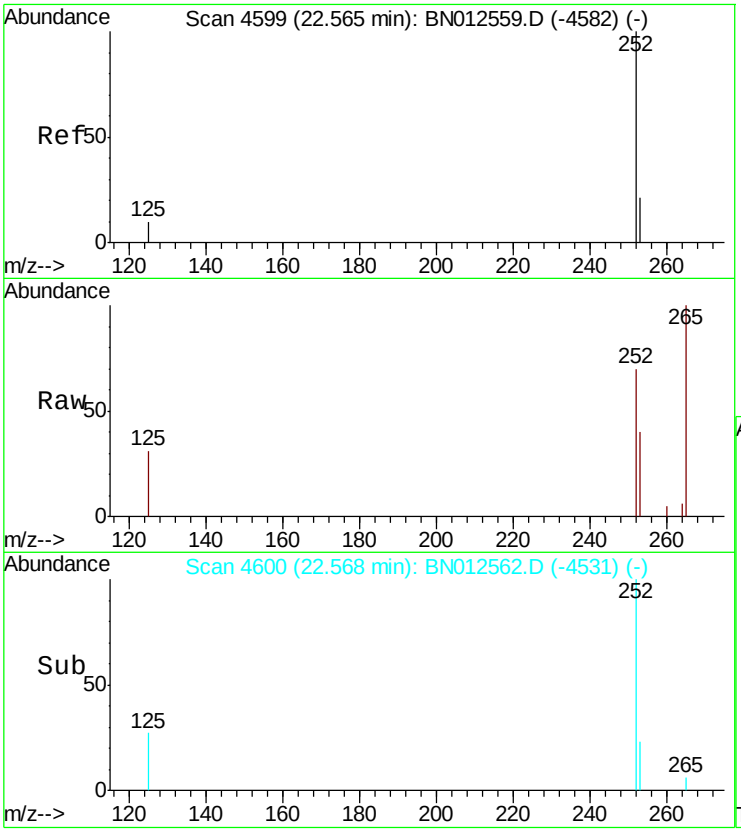


#22
Chrysene
Concen: 0.084 ng/ul
RT: 21.11 min Scan# 4101
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:228 Resp: 808

Ion	Ratio	Lower	Upper
228	100		
226	36.3	23.9	35.9#
229	26.0	16.6	24.8#



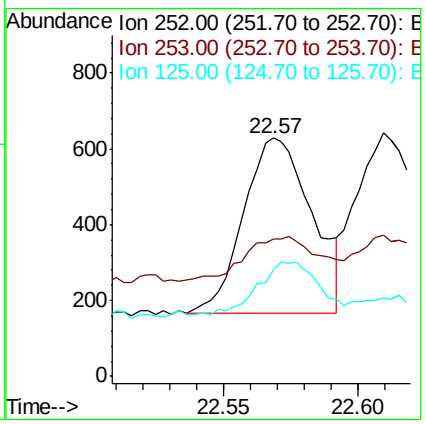


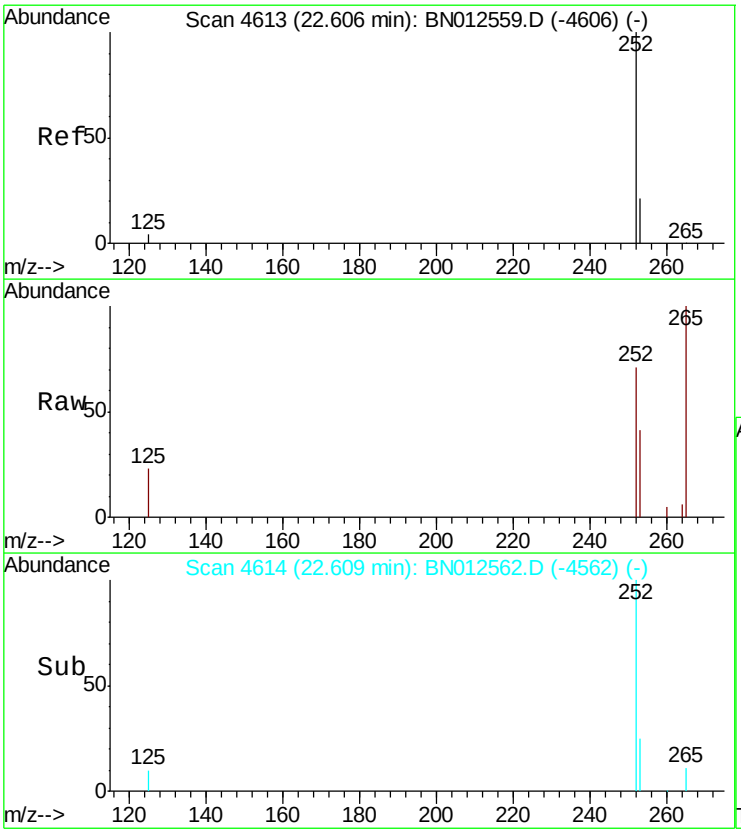
#24
Benzo(b)fluoranthene
Concen: 0.080 ng/ul
RT: 22.57 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:252 Resp: 821

Ion	Ratio	Lower	Upper
252	100		
253	57.6	0.0	59.2
125	44.9	0.0	30.2#

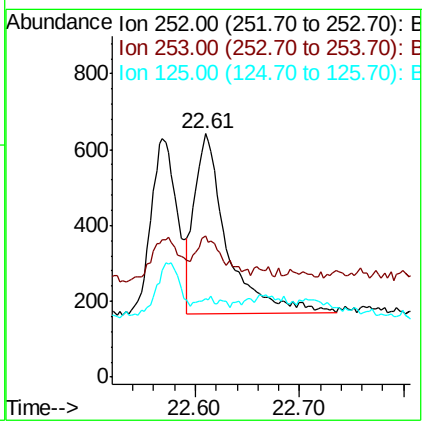


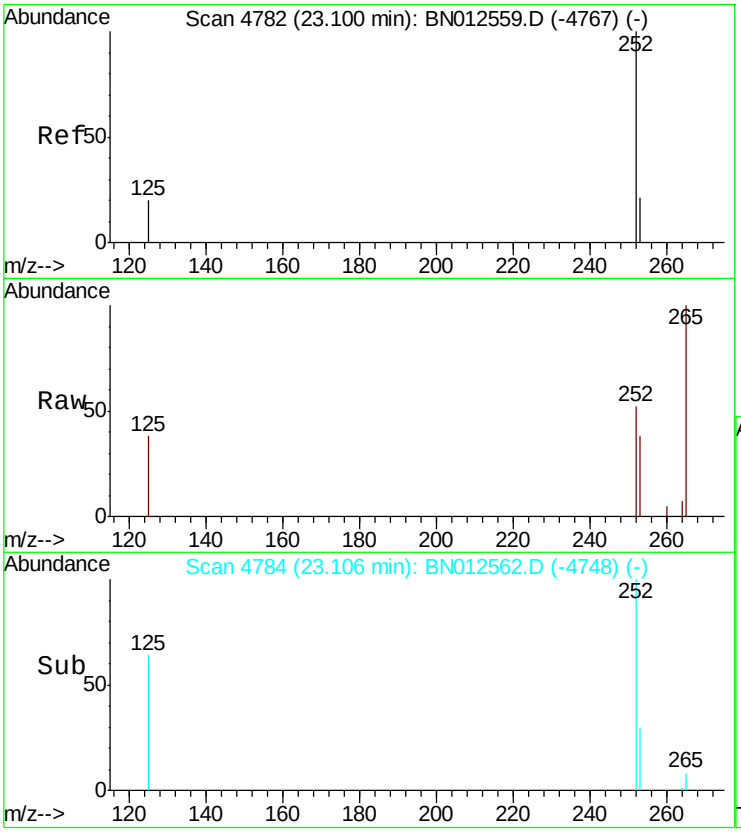


#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 22.61 min Scan# 4614
Delta R.T. 0.00 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:252 Resp: 1023

Ion	Ratio	Lower	Upper
252	100		
253	58.1	23.3	34.9#
125	32.1	10.6	15.8#



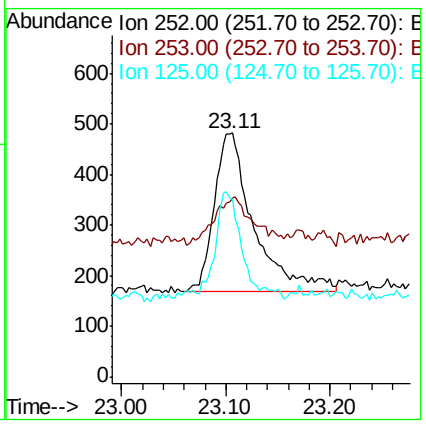


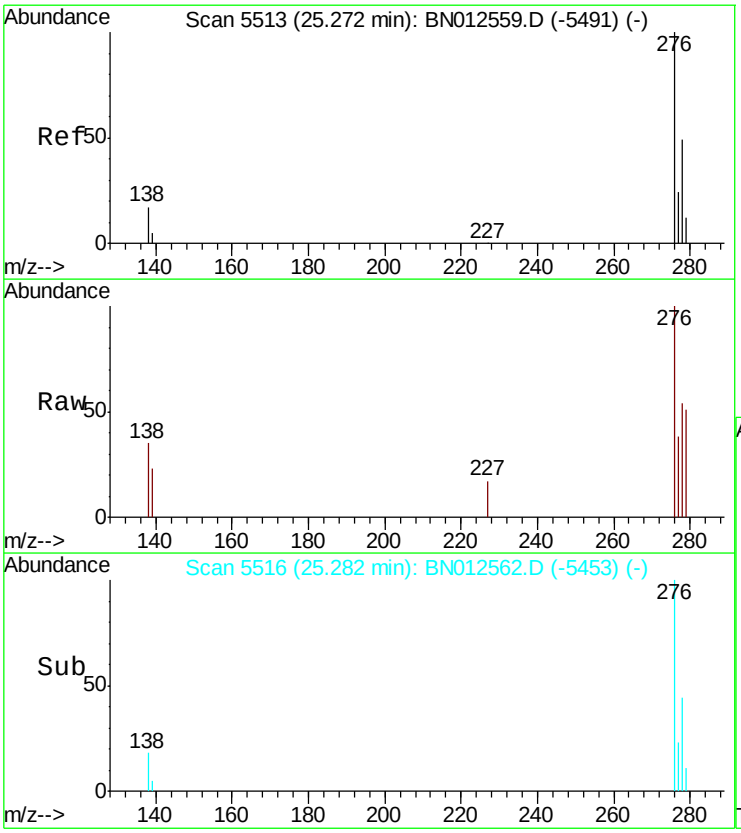
#26
Benzo(a)pyrene
Concen: 0.085 ng/ul
RT: 23.11 min Scan# 4784
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:252 Resp: 824

Ion	Ratio	Lower	Upper
252	100		
253	73.4	27.4	41.0#
125	72.8	17.7	26.5#

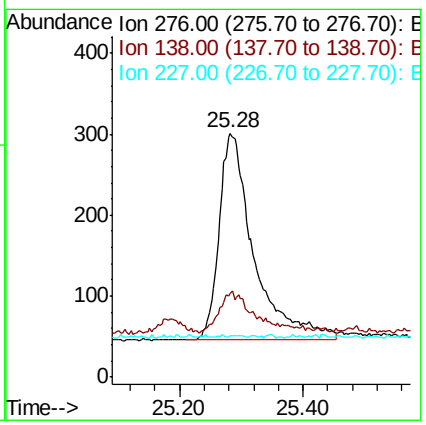


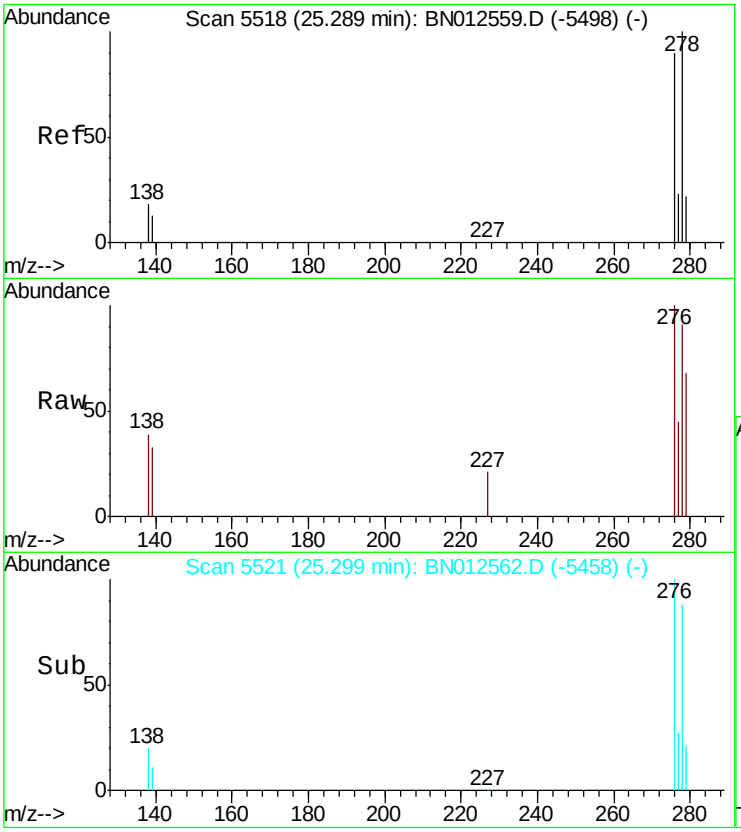


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng/ul
RT: 25.28 min Scan# 5516
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:276 Resp: 997

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.3	24.5
227	0.4	0.1	0.1#



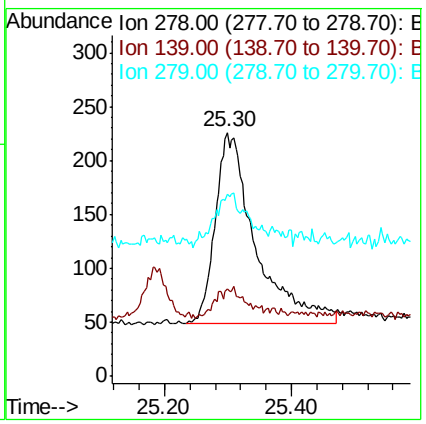


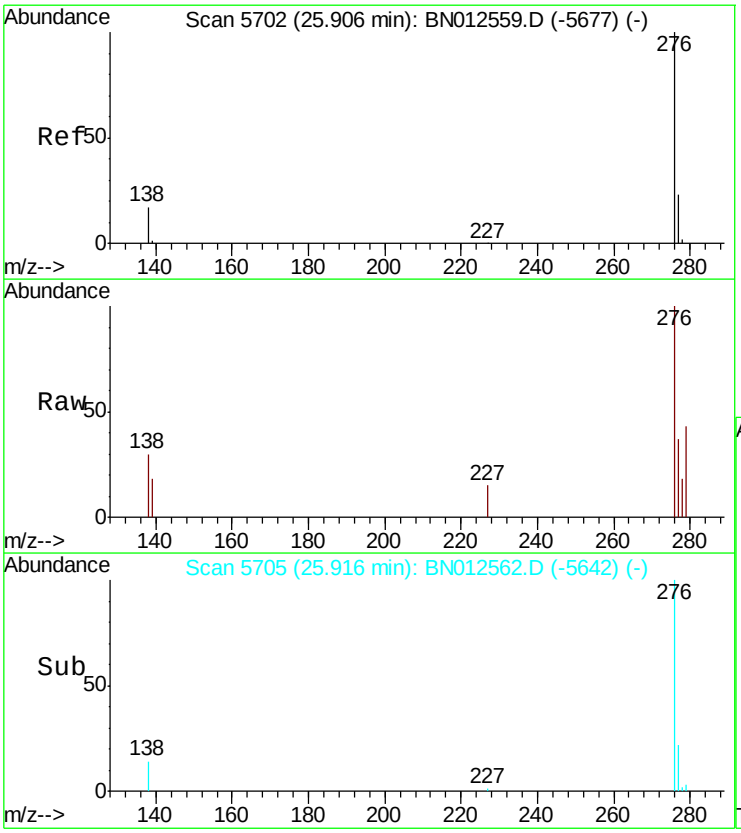
#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.30 min Scan# 5521
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Tgt Ion:278 Resp: 780

Ion	Ratio	Lower	Upper
278	100		
139	35.8	13.4	20.2#
279	74.8	25.8	38.6#





#29
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 25.92 min Scan# 5705
Delta R.T. 0.01 min
Lab File: BN012562.D
Acq: 12 Nov 2020 13:52

Tgt Ion:276 Resp: 938

Ion	Ratio	Lower	Upper
276	100		
138	29.6	17.1	25.7#
277	36.8	21.4	32.0#