Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111320\
Data File : BN012574.D
Acq On : 13 Nov 2020 11:15
Operator : CG/JU
Sample : L4485-06
Misc : MDL-SOIL06
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-06

Quant Time: Nov 13 11:59:10 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 : Fri Nov 13 11:54:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	414	0.40	ng/ul	0.00
4) Naphthalene-d8	10.24	136	1747	0.40	ng/ul	0.02
9) Acenaphthene-d10	14.12	164	982	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.87	188	1905	0.40	ng/ul	0.00
19) Chrysene-d12	21.08	240	1729	0.40	ng/ul	0.00
23) Perylene-d12	23.19	264	1881	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	492	0.88	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.85	152	881	0.36	ng/ul	0.02
17) Fluoranthene-d10	18.91	212	1938	0.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	54	0.095	ng/ul#	83
5) Naphthalene	10.29	128	403	0.082	ng/ul#	41
7) 2-Methylnaphthalene	11.93	142	214	0.067	ng/ul	92
8) 1-Methylnaphthalene	12.14	142	236	0.078	ng/ul	88
10) Acenaphthylene	13.84	152	343	0.079	ng/ul#	60
11) Acenaphthene	14.18	153	297	0.080	ng/ul	96
12) Fluorene	15.19	166	300	0.072	ng/ul#	89
14) Pentachlorophenol	16.54	266	39	0.075	ng/ul	92
15) Phenanthrene	16.92	178	494	0.078	ng/ul#	62
16) Anthracene	17.02	178	330	0.064	ng/ul#	54
18) Fluoranthene	18.94	202	686	0.098	ng/ul#	73
20) Pyrene	19.30	202	726	0.089	ng/ul#	82
21) Benzo(a)anthracene	21.06	228	533	0.085	ng/ul#	84
22) Chrysene	21.11	228	745	0.098	ng/ul#	87
24) Benzo(b)fluoranthene	22.57	252	740	0.092	ng/ul#	35
25) Benzo(k)fluoranthene	22.61	252	865	0.094	ng/ul#	44
26) Benzo(a)pyrene	23.11	252	696	0.092	ng/ul#	17
27) Indeno(1,2,3-cd)pyrene	25.29	276	883	0.089	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.31	278	671	0.084	ng/ul#	38
29) Benzo(g,h,i)perylene	25.92	276	798	0.087	ng/ul#	75

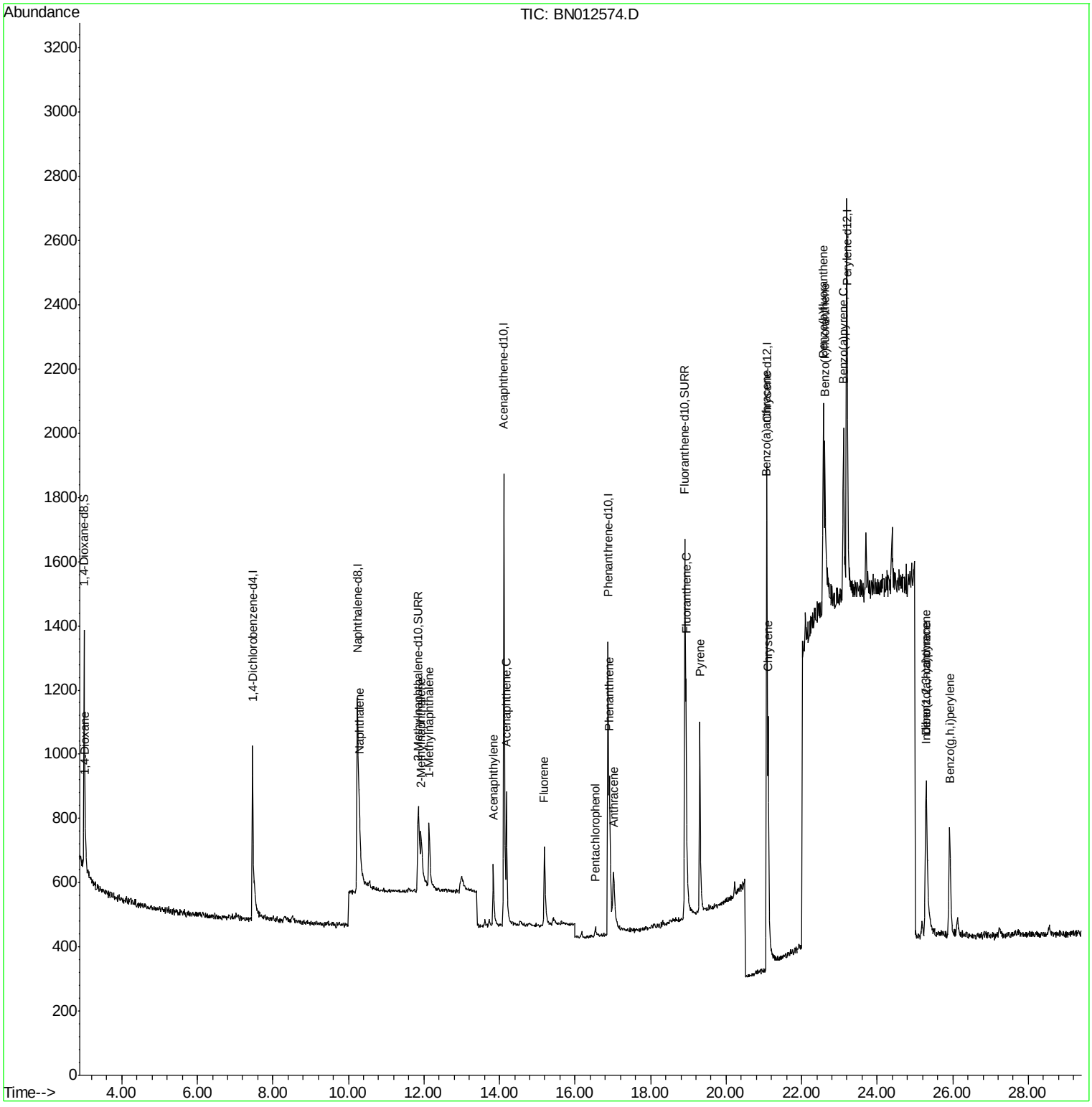
(#) = qualifier out of range (m) = manual integration (+) = signals summed

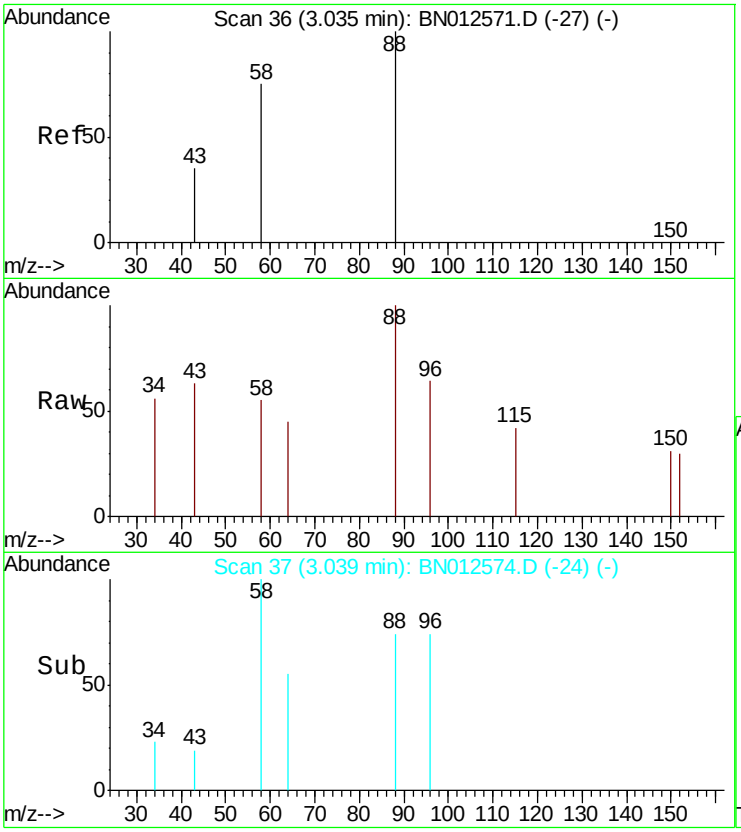
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111320\
Data File : BN012574.D
Acq On : 13 Nov 2020 11:15
Operator : CG/JU
Sample : L4485-06
Misc : MDL-SOIL06
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Quant Time: Nov 13 11:59:10 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 : Fri Nov 13 11:54:51 2020
Response via : Initial Calibration



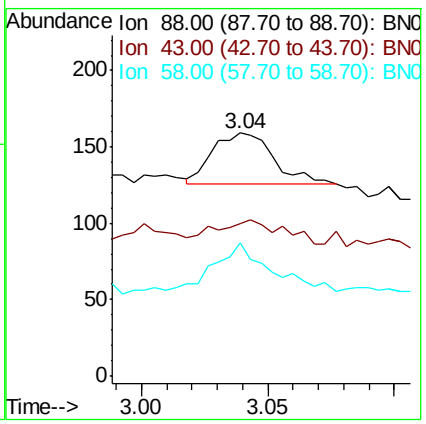


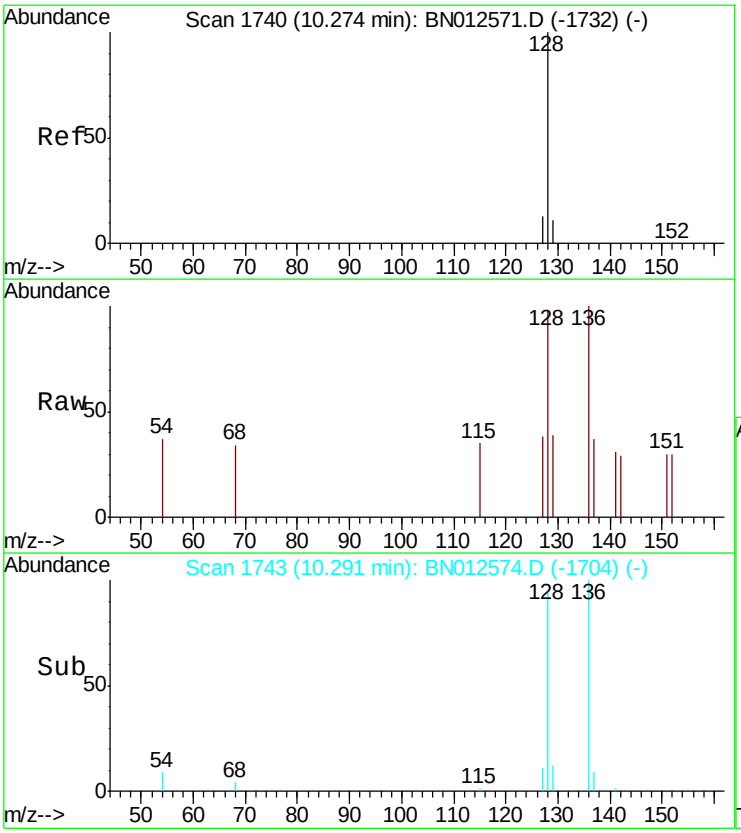
#2
1,4-Dioxane
Concen: 0.095 ng/ul
RT: 3.04 min Scan# 37
Delta R.T. 0.00 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
43	62.9	42.7	64.1
58	54.7	57.3	85.9#

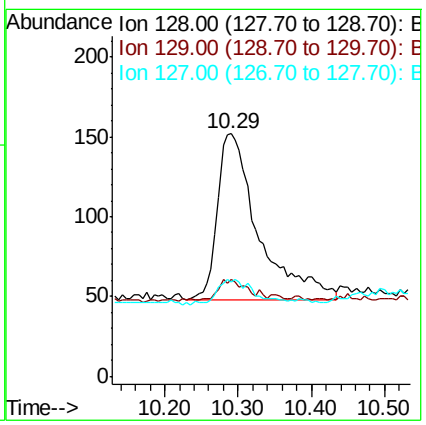


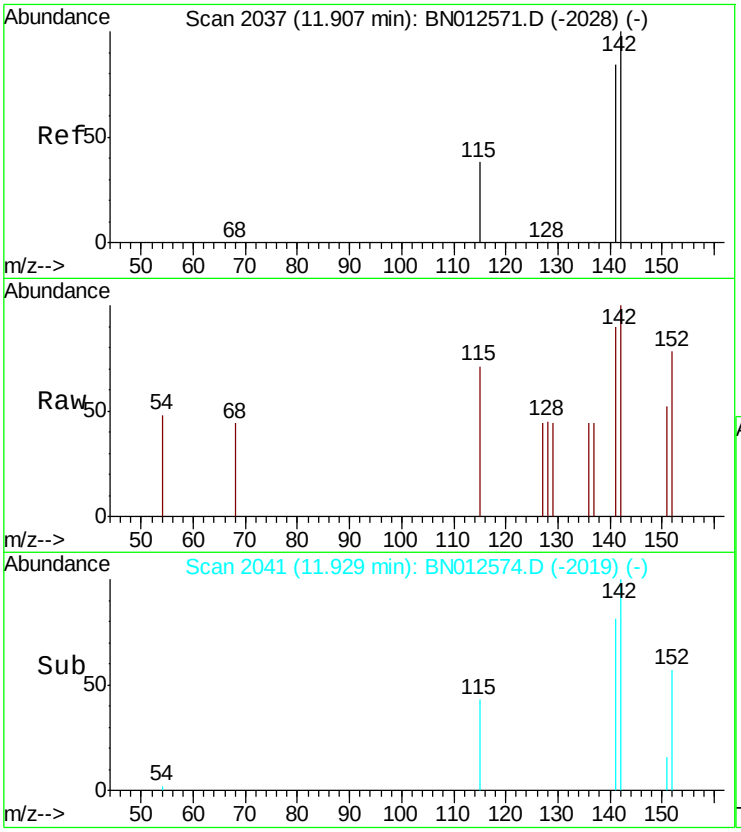


#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.29 min Scan# 1743
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:128 Resp: 403

Ion	Ratio	Lower	Upper
128	100		
129	40.1	11.1	16.7#
127	38.8	12.6	18.8#



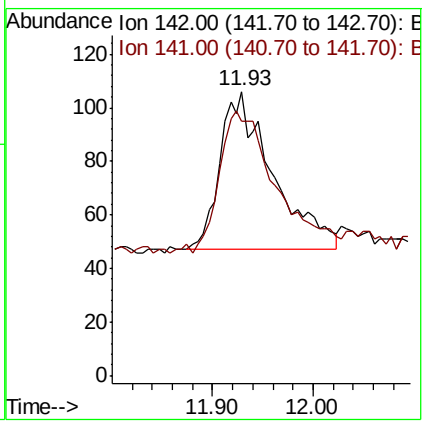


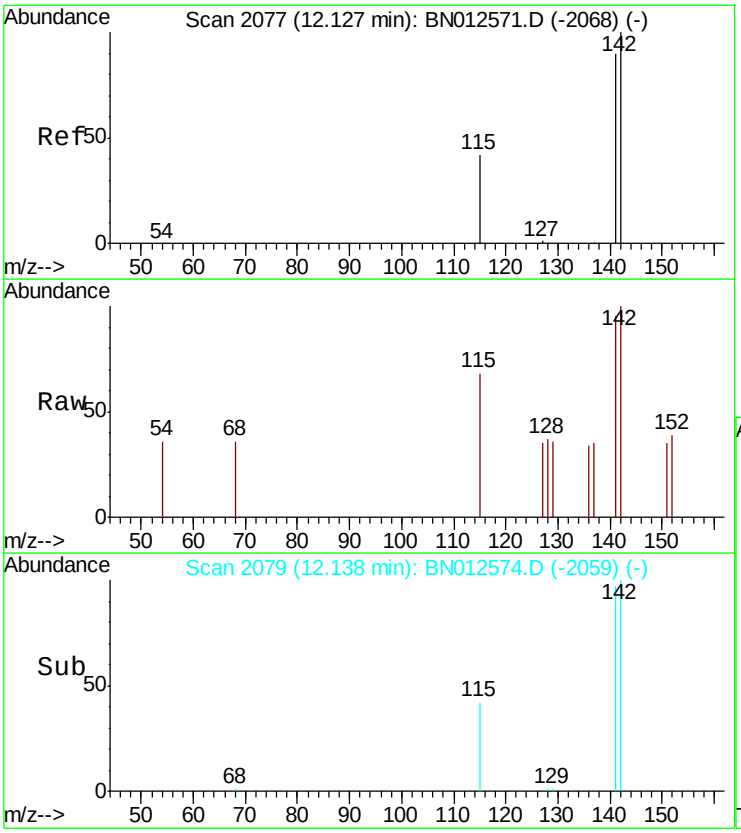
#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.93 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	97.7	72.1	108.1

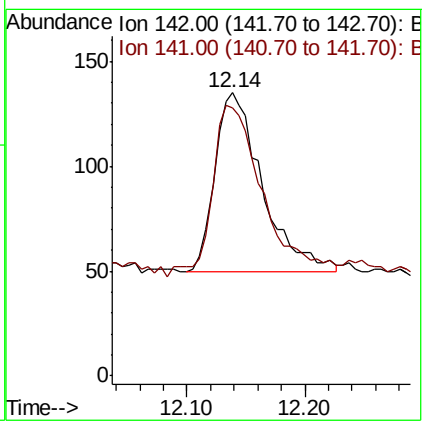


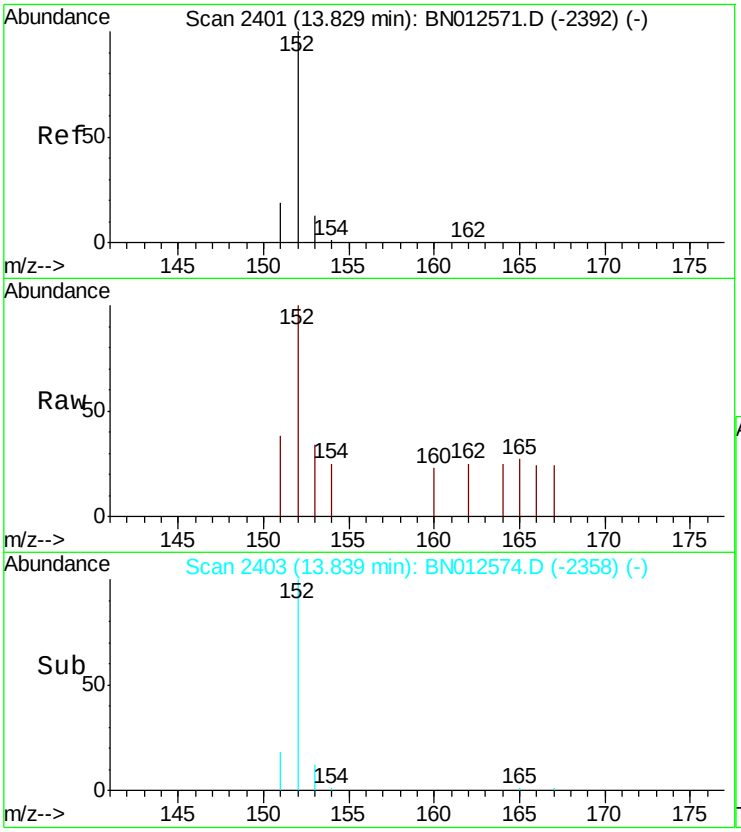


#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.14 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:142 Resp: 236

Ion	Ratio	Lower	Upper
142	100		
141	105.9	75.3	112.9



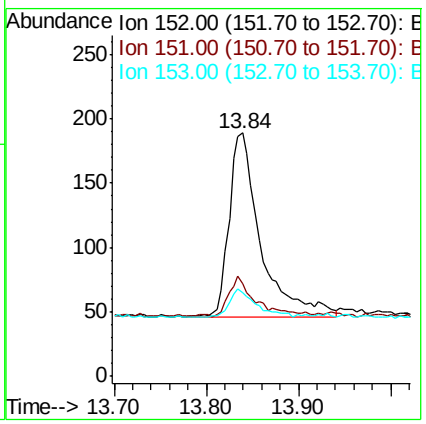


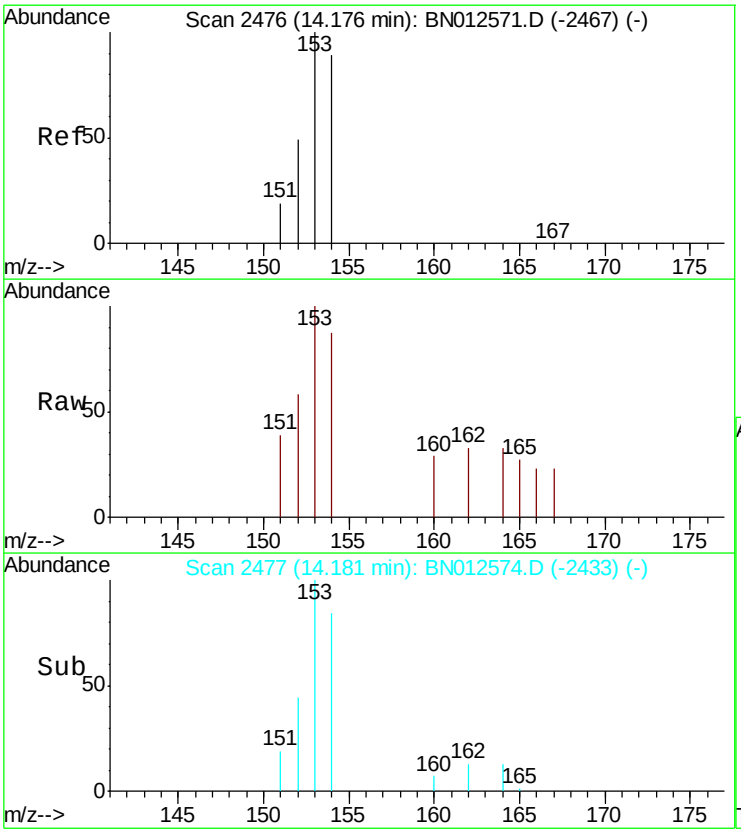
#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 13.84 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:152 Resp: 343

Ion	Ratio	Lower	Upper
152	100		
151	38.1	17.0	25.4#
153	34.4	12.5	18.7#

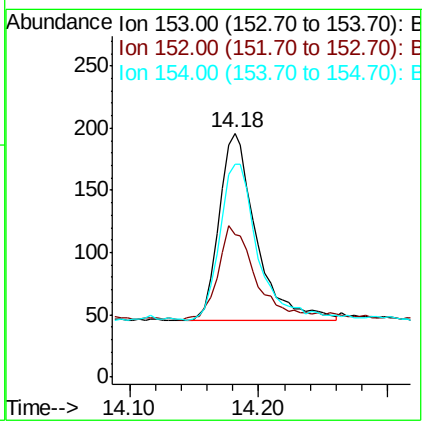


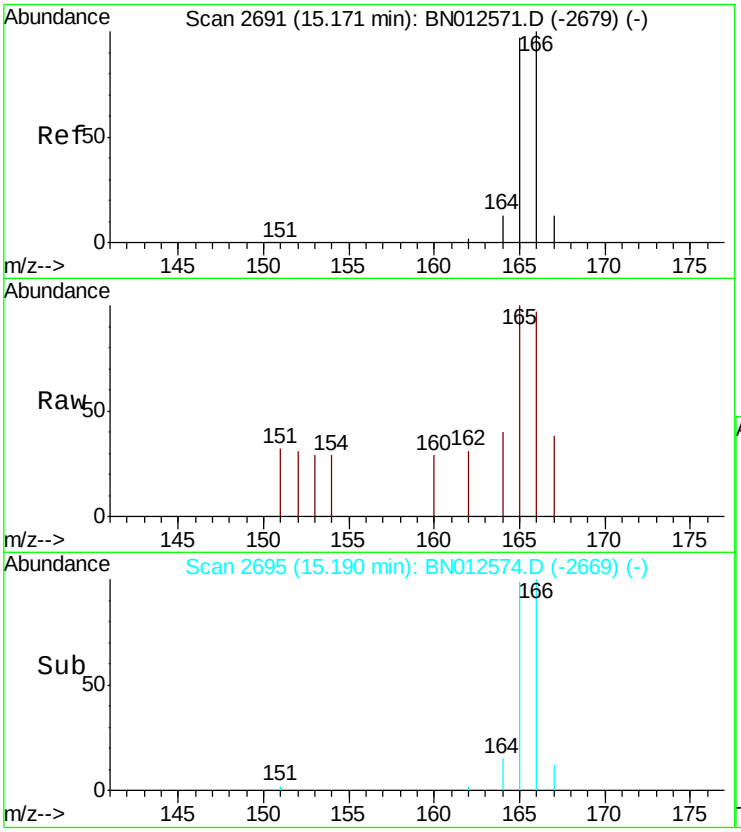


#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.18 min Scan# 2477
Delta R.T. 0.00 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:153 Resp: 297

Ion	Ratio	Lower	Upper
153	100		
152	58.2	39.9	59.9
154	87.2	69.9	104.9



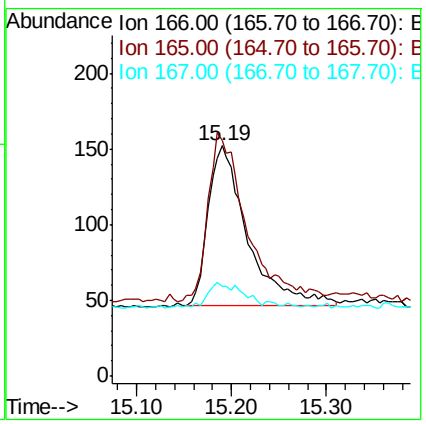


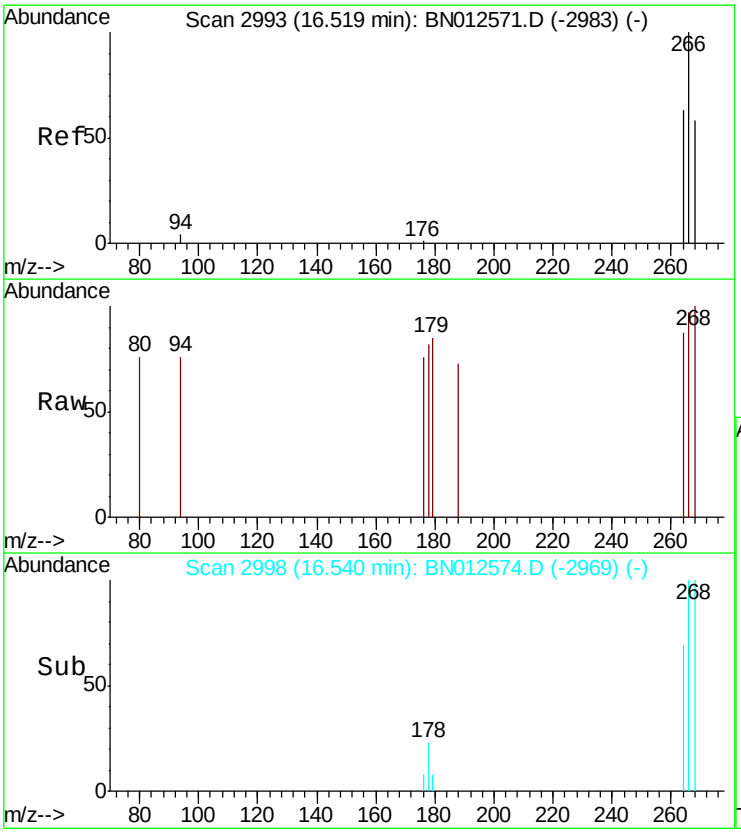
#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.19 min Scan# 2695
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:166 Resp: 300

Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.6	117.8
167	38.8	12.6	19.0#

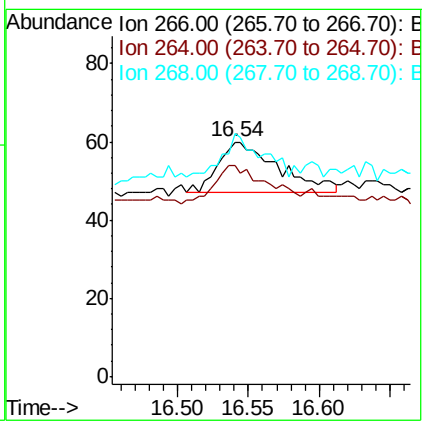


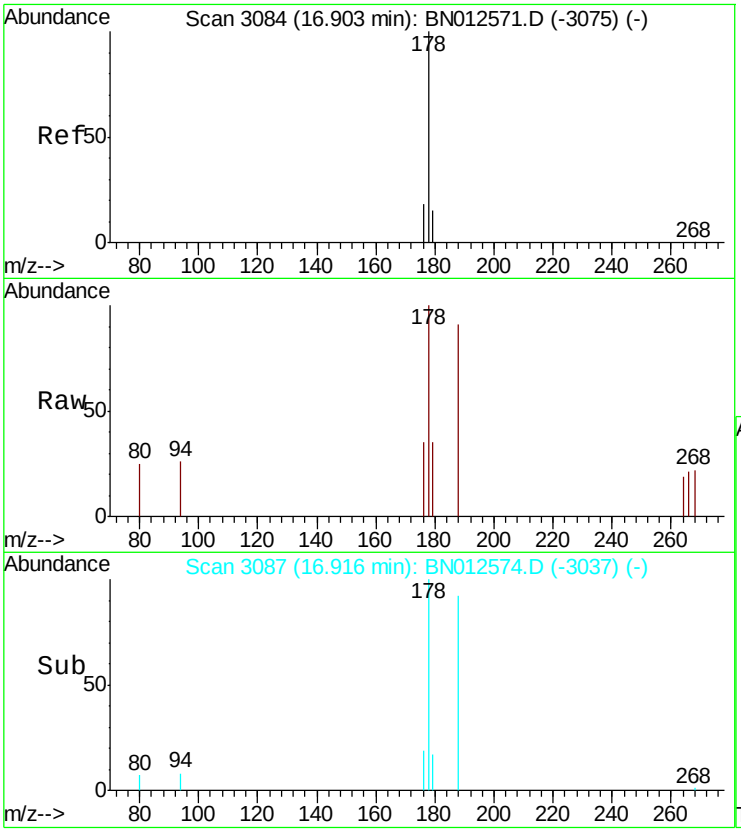


#14
Pentachlorophenol
Concen: 0.075 ng/ul
RT: 16.54 min Scan# 2998
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	66.7	48.6	73.0
268	61.5	55.2	82.8



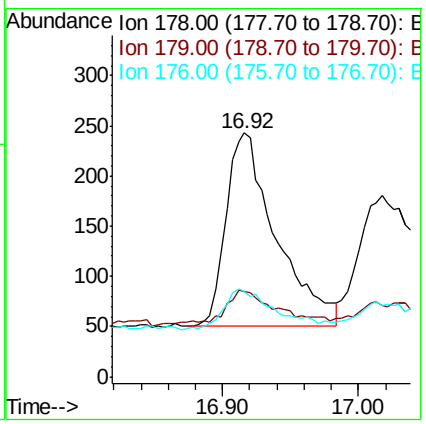


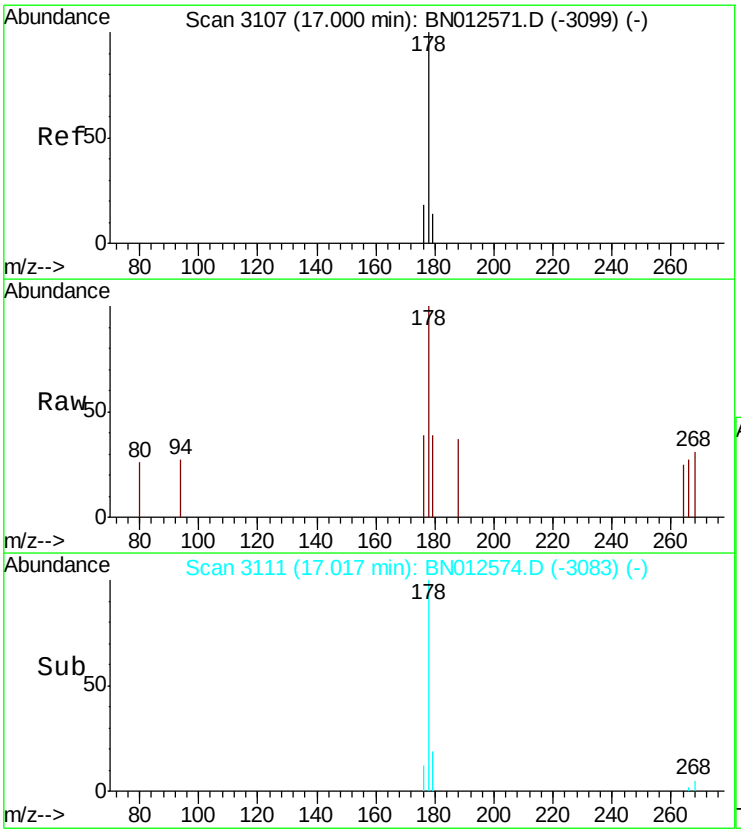
#15
Phenanthrene
Concen: 0.078 ng/ul
RT: 16.92 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:178 Resp: 494

Ion	Ratio	Lower	Upper
178	100		
179	35.0	13.0	19.6#
176	35.0	15.8	23.8#

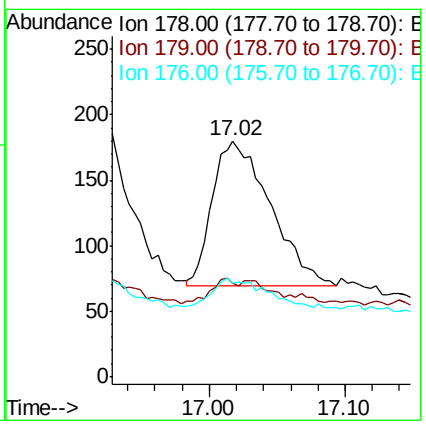


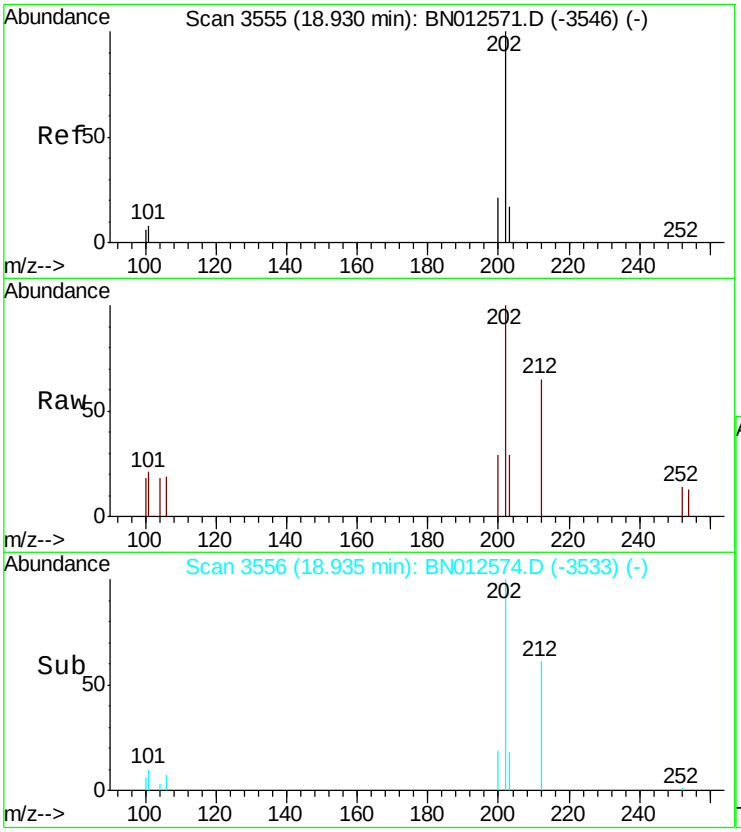


#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.02 min Scan# 3111
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:178 Resp: 330

Ion	Ratio	Lower	Upper
178	100		
179	39.4	14.2	21.4#
176	39.4	15.9	23.9#



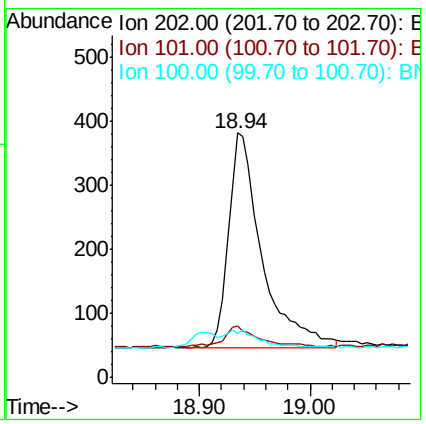


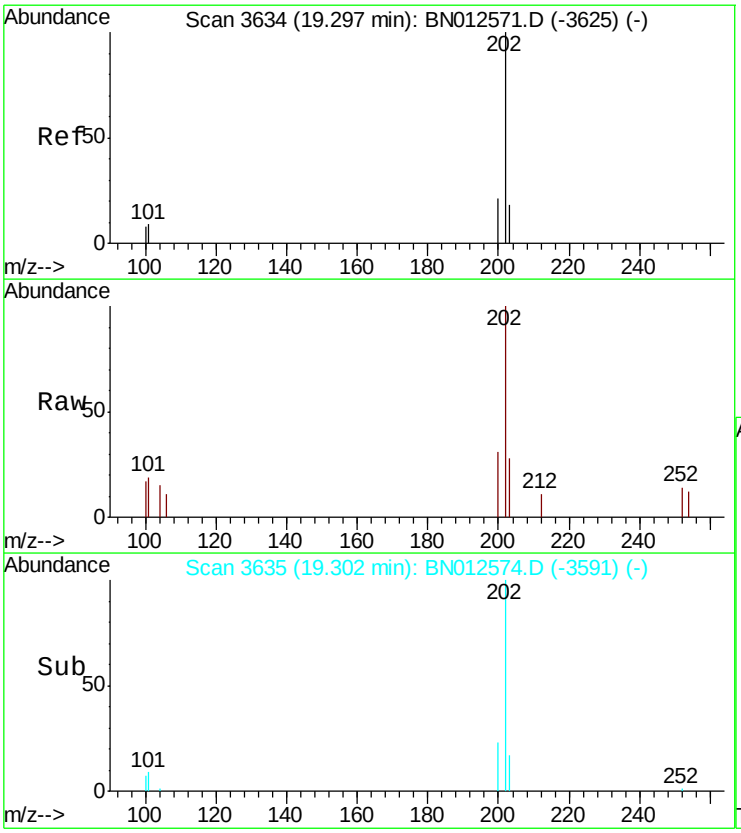
#18
Fluoranthene
Concen: 0.098 ng/ul
RT: 18.94 min Scan# 3556
Delta R.T. 0.00 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:202 Resp: 686

Ion	Ratio	Lower	Upper
202	100		
101	20.7	8.2	12.2#
100	17.6	6.9	10.3#

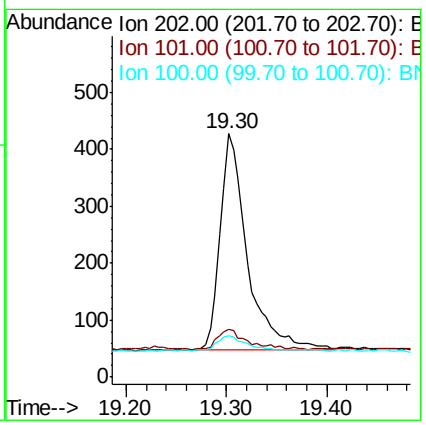


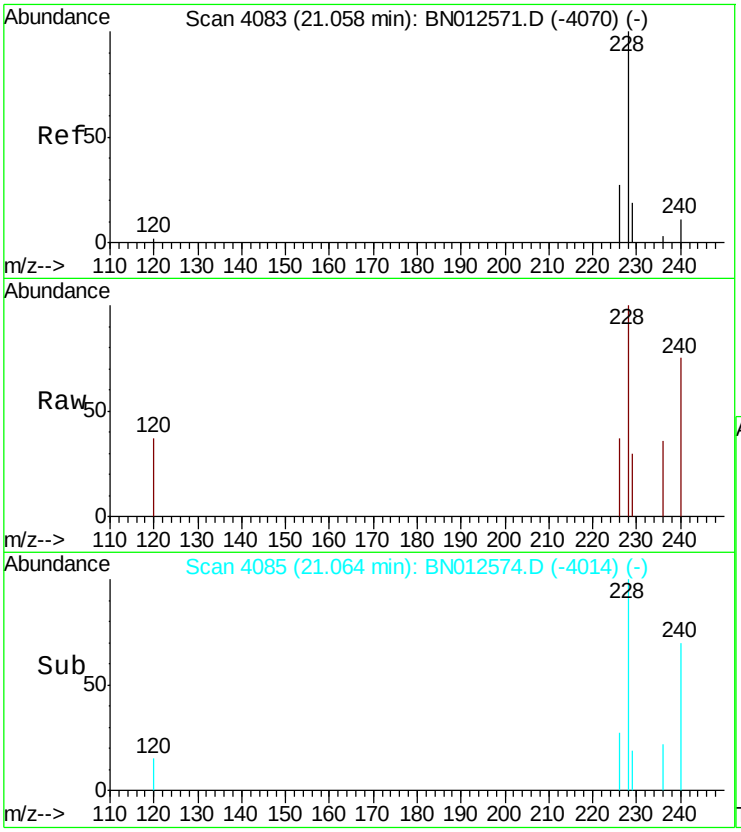


#20
Pyrene
Concen: 0.089 ng/ul
RT: 19.30 min Scan# 3635
Delta R.T. 0.00 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:202 Resp: 726

Ion	Ratio	Lower	Upper
202	100		
101	19.4	9.4	14.2#
100	17.1	8.6	12.8#



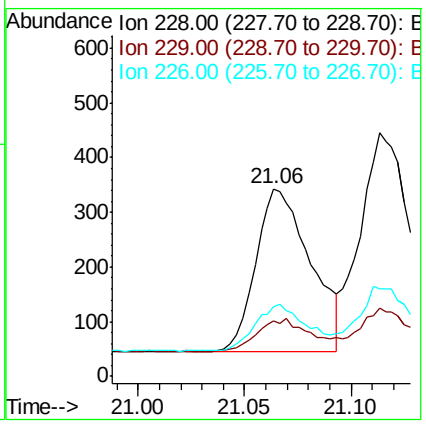


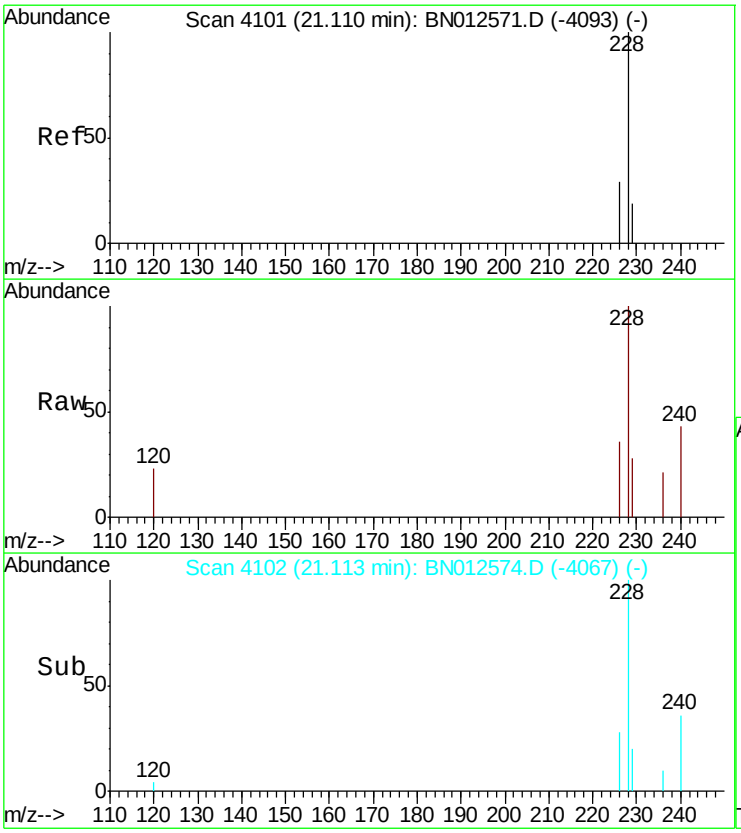
#21
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.06 min Scan# 4085
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:228 Resp: 533

Ion	Ratio	Lower	Upper
228	100		
229	29.7	16.6	25.0#
226	37.0	23.5	35.3#

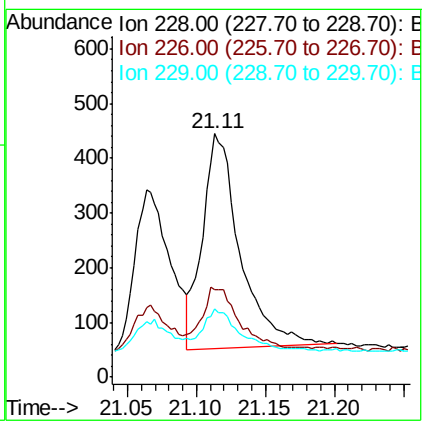


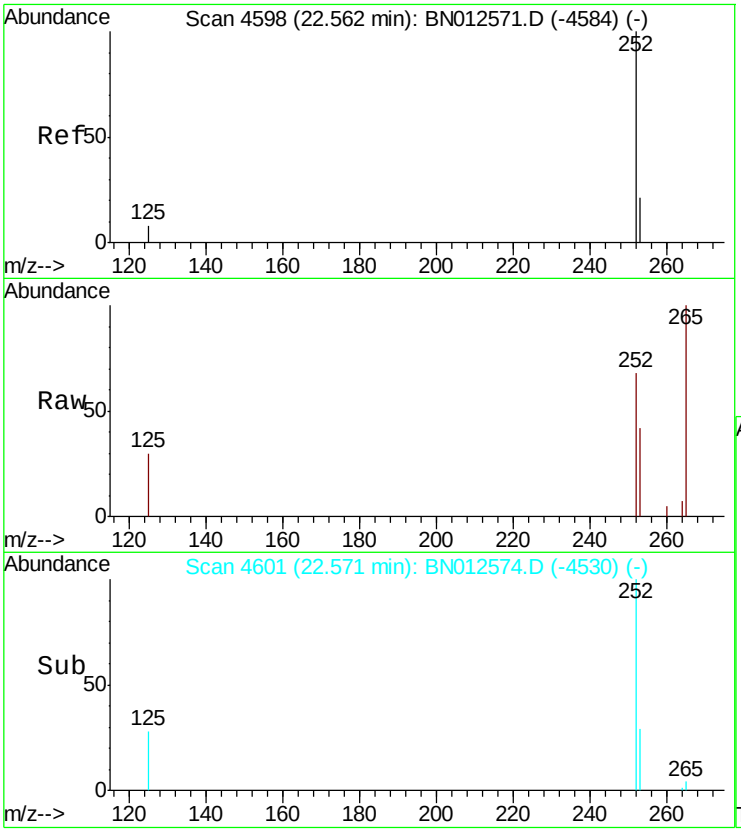


#22
Chrysene
Concen: 0.098 ng/ul
RT: 21.11 min Scan# 4102
Delta R.T. 0.00 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:228 Resp: 745

Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.9	35.9#
229	28.3	16.6	24.8#



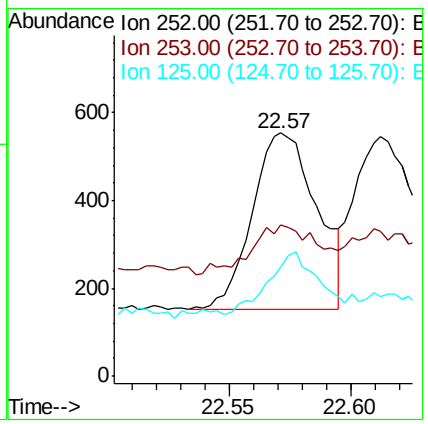


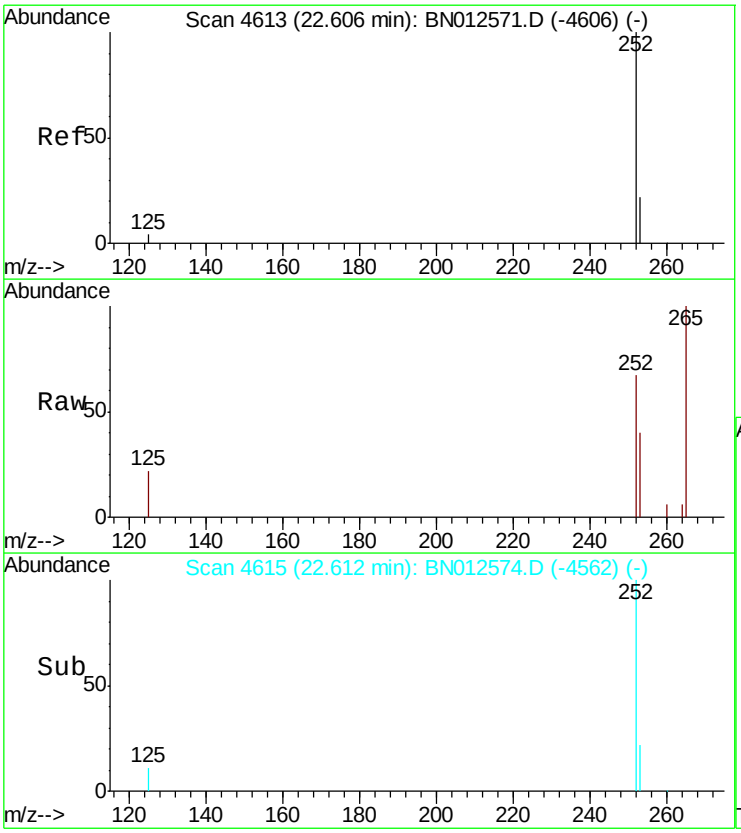
#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul
RT: 22.57 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:252 Resp: 740

Ion	Ratio	Lower	Upper
252	100		
253	62.5	0.0	59.2#
125	44.9	0.0	30.2#

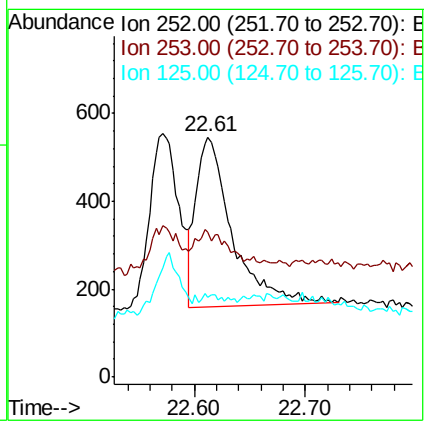


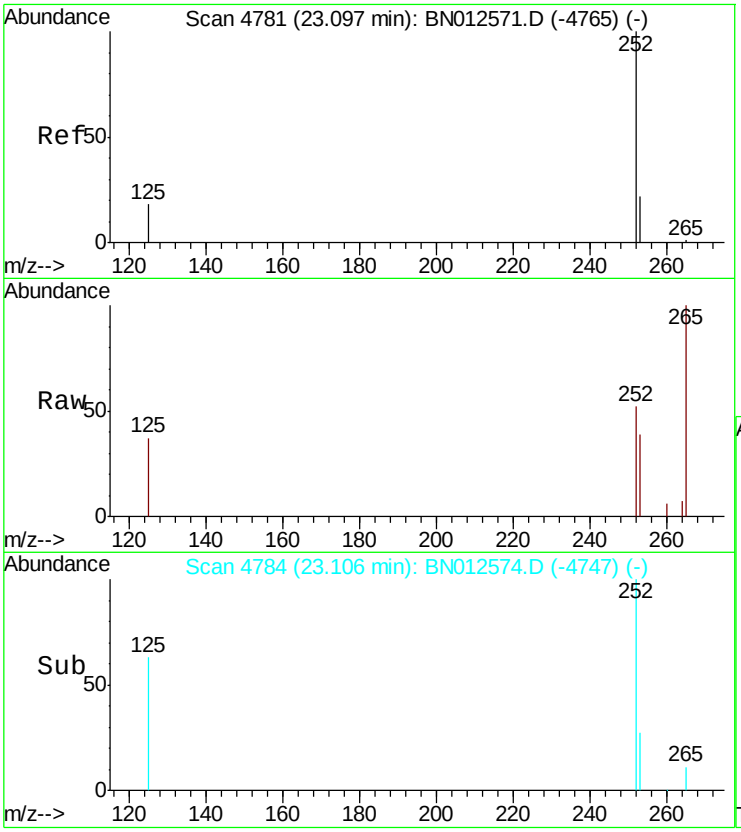


#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul
RT: 22.61 min Scan# 4615
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:252 Resp: 865

Ion	Ratio	Lower	Upper
252	100		
253	60.3	23.3	34.9#
125	33.3	10.6	15.8#



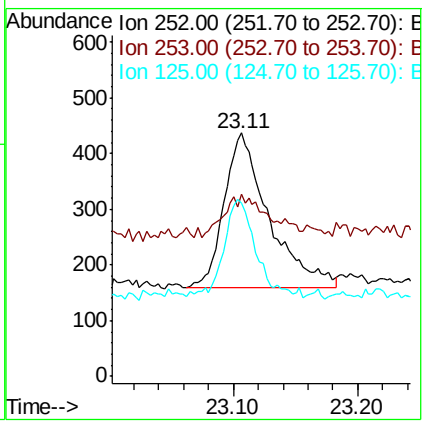


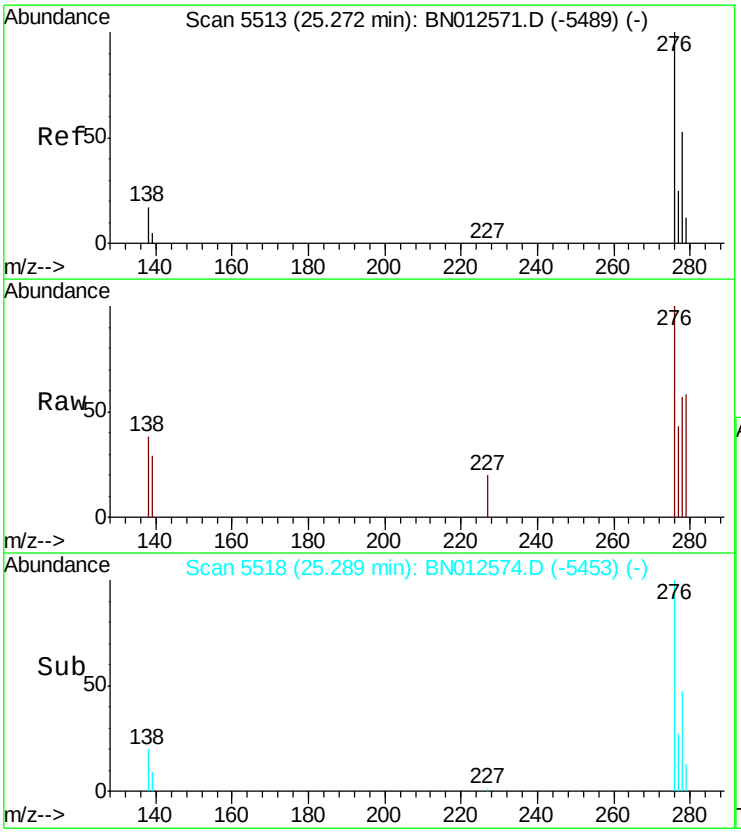
#26
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.11 min Scan# 4784
Delta R.T. 0.01 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:252 Resp: 696

Ion	Ratio	Lower	Upper
252	100		
253	74.8	27.4	41.0#
125	71.4	17.7	26.5#

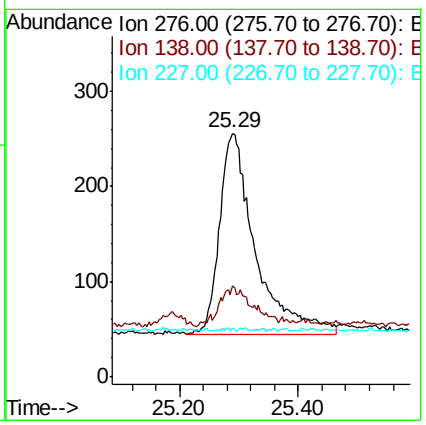


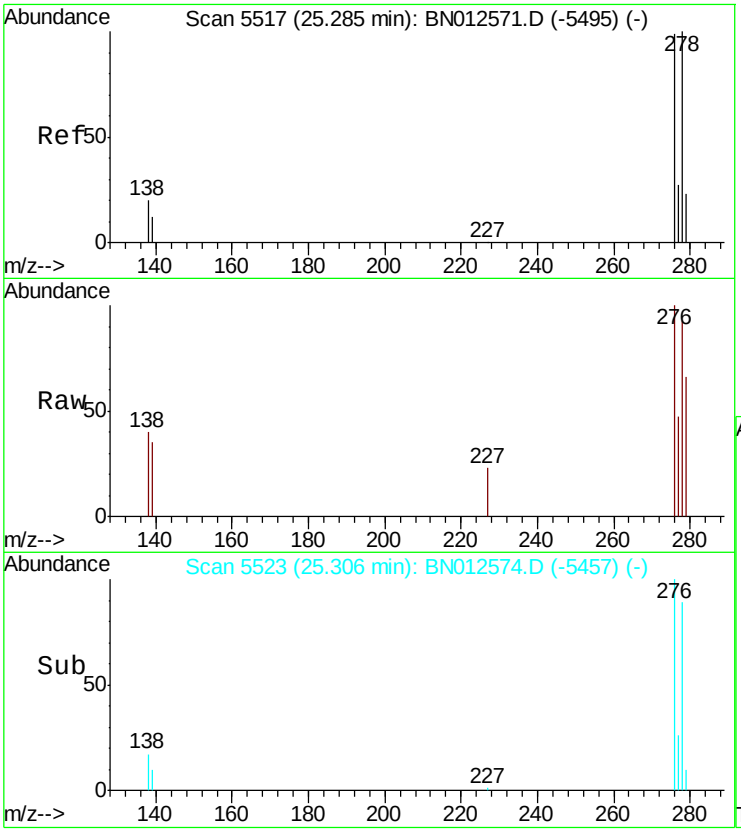


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 25.29 min Scan# 5518
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:276 Resp: 883

Ion	Ratio	Lower	Upper
276	100		
138	16.4	16.3	24.5
227	0.5	0.1	0.1#



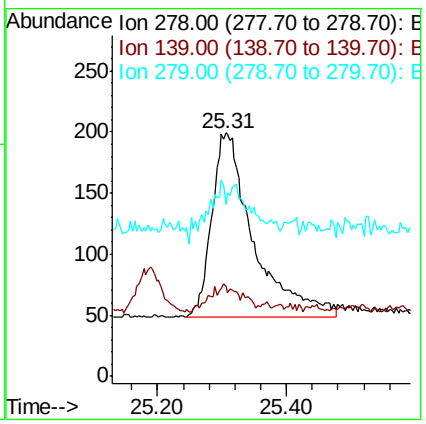


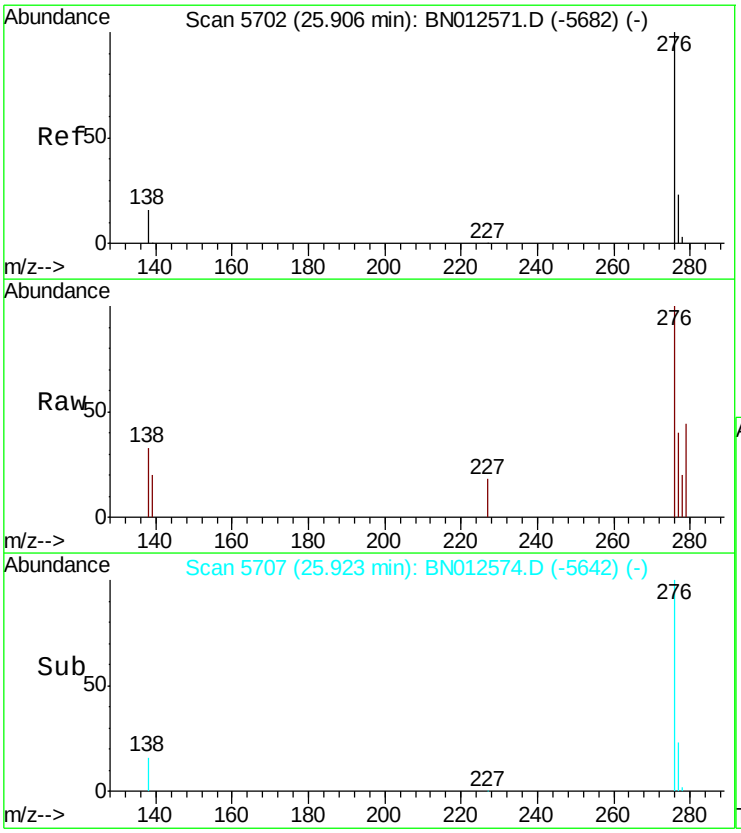
#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 25.31 min Scan# 5523
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-06

Tgt Ion:278 Resp: 671

Ion	Ratio	Lower	Upper
278	100		
139	37.2	13.4	20.2#
279	70.9	25.8	38.6#





#29
Benzo(g,h,i)perylene
Concen: 0.087 ng/ul
RT: 25.92 min Scan# 5707
Delta R.T. 0.02 min
Lab File: BN012574.D
Acq: 13 Nov 2020 11:15

Tgt Ion:276 Resp: 798

Ion	Ratio	Lower	Upper
276	100		
138	33.5	17.1	25.7#
277	39.5	21.4	32.0#