Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018278.D
Acq On : 30 Dec 2021 02:38
Operator : CG/JU
Sample : M5107-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 03:26:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	22723	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	100799	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	66255	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	110990	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	41187	0.400	ng	# 0.05
35) Perylene-d12	23.461	264	2106	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	320	0.007	ng	0.03
5) Phenol-d6	6.840	99	1840	0.042	ng	0.00
8) Nitrobenzene-d5	8.784	82	22667	0.440	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	54029	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	198	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	83011	0.331	ng	-0.01
27) Fluoranthene-d10	19.053	212	74647	0.211	ng	0.01
31) Terphenyl-d14	19.674	244	41640	0.398	ng	0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.484	42	16527	0.886	ng	# 1
9) Naphthalene	10.457	128	29027	0.116	ng	96
12) 2-Methylnaphthalene	12.083	142	13627	0.085	ng	95
16) Acenaphthylene	13.977	152	6963	0.030	ng	# 83
17) Acenaphthene	14.320	154	5698	0.033	ng	# 55
18) Fluorene	15.309	166	5501	0.027	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.436	198	359	0.358	ng	# 1
23) Atrazine	16.506	200	6989	0.260	ng	# 1
24) Pentachlorophenol	16.677	266	1644	0.334	ng	# 75
25) Phenanthrene	17.042	178	127394	0.435	ng	# 83
26) Anthracene	17.139	178	14493	0.097	ng	# 1
28) Fluoranthene	19.083	202	180891	0.528	ng	99
30) Pyrene	19.450	202	188009	1.164	ng	# 93
32) Benzo(a)anthracene	21.281	228	126422	1.006	ng	# 1
33) Chrysene	21.281	228	109591	0.827	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.185	149	3724479	72.445	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.754	276	10207	2.030	ng	# 77
37) Benzo(b)fluoranthene	22.841	252	90329	13.497	ng	# 1
38) Benzo(k)fluoranthene	22.841	252	64446	10.171	ng	# 1
39) Benzo(a)pyrene	23.413	252	1787	0.307	ng	# 1
40) Dibenzo(a,h)anthracene	25.754	278	965	0.269	ng	# 1
41) Benzo(g,h,i)perylene	26.445	276	16273	3.243	ng	# 1

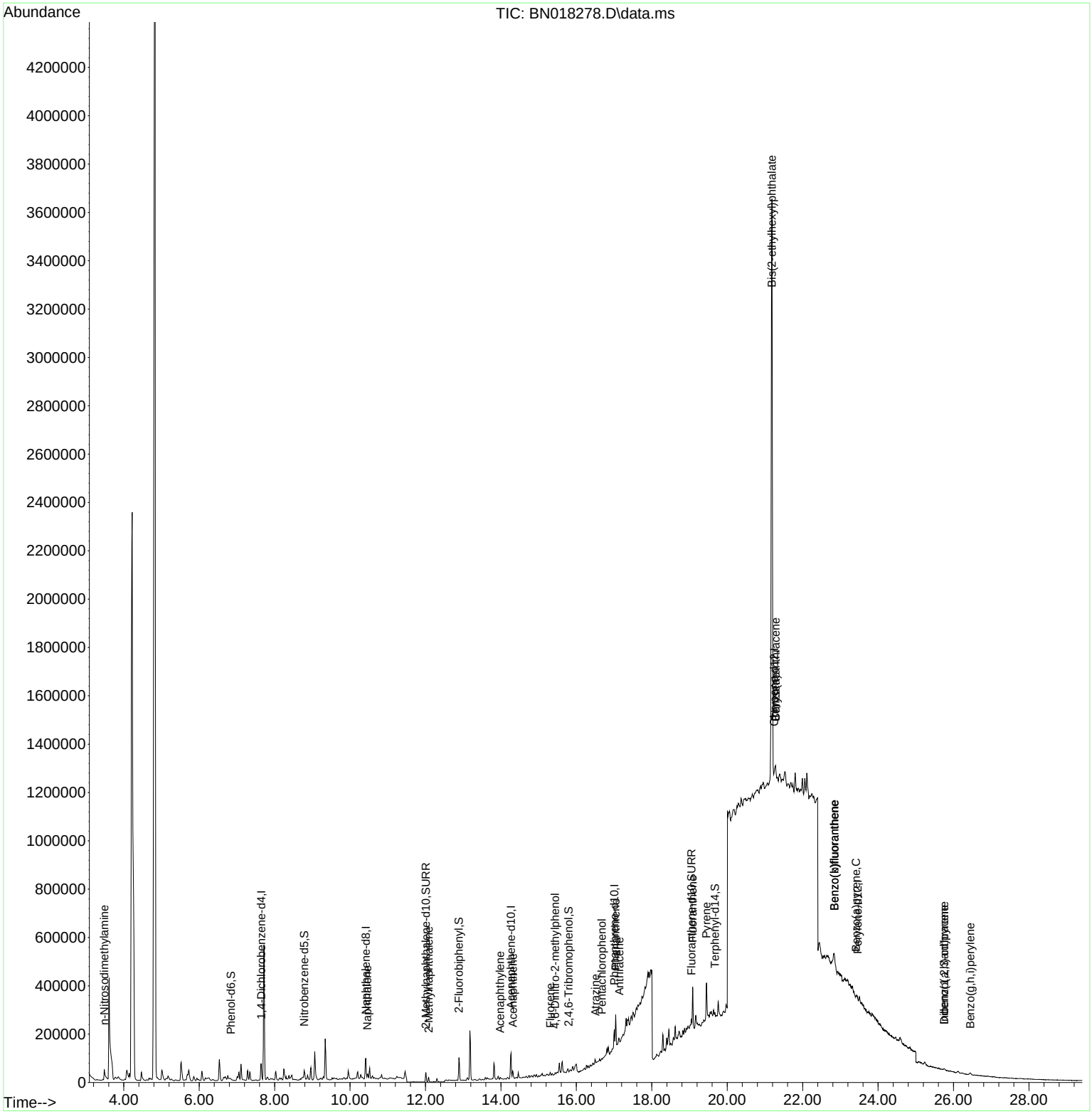
(#) = qualifier out of range (m) = manual integration (+) = signals summed

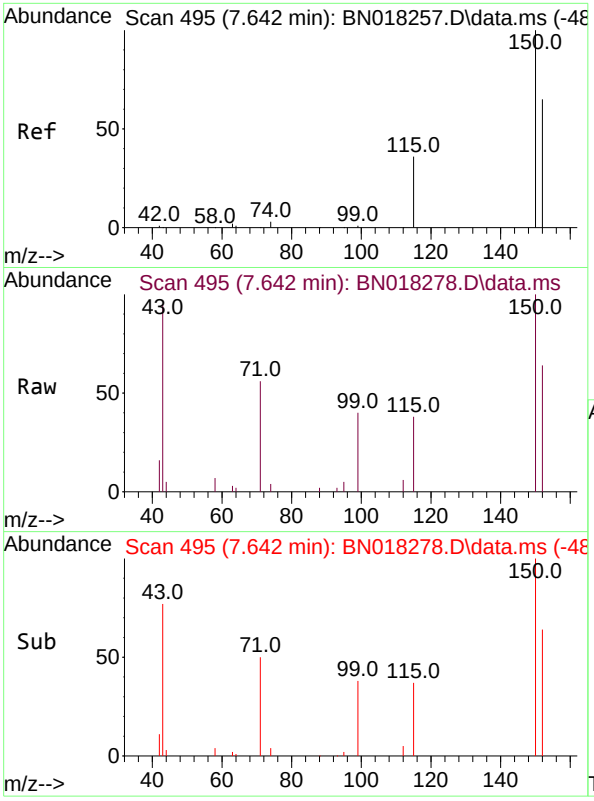
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018278.D
Acq On : 30 Dec 2021 02:38
Operator : CG/JU
Sample : M5107-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 03:26:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



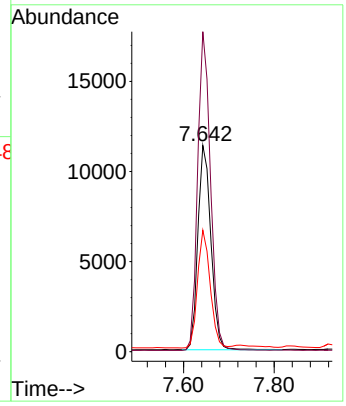


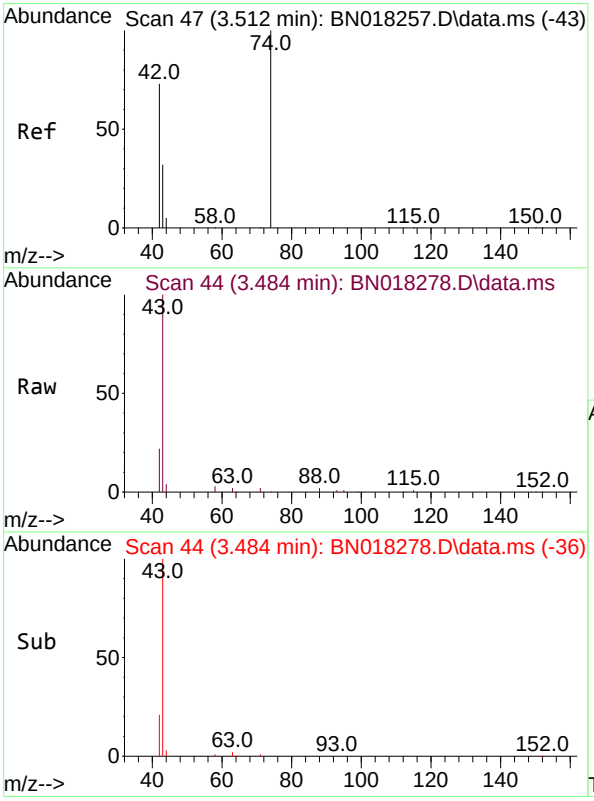
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 22723

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.7	182.5
115	58.9	43.8	65.8

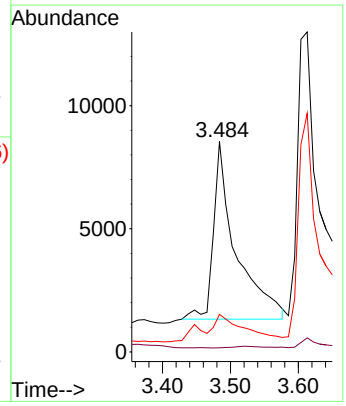


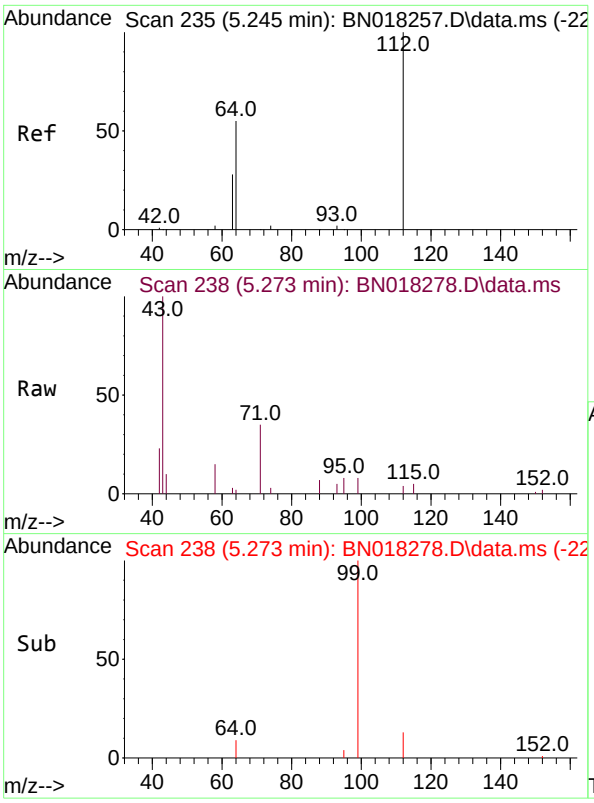


#3
n-Nitrosodimethylamine
Concen: 0.886 ng
RT: 3.484 min Scan# 44
Delta R.T. -0.028 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion: 42 Resp: 16527

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	16.2	5.8	8.8#



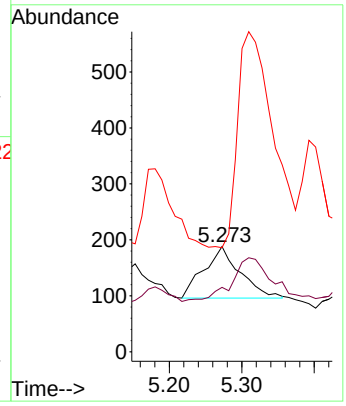


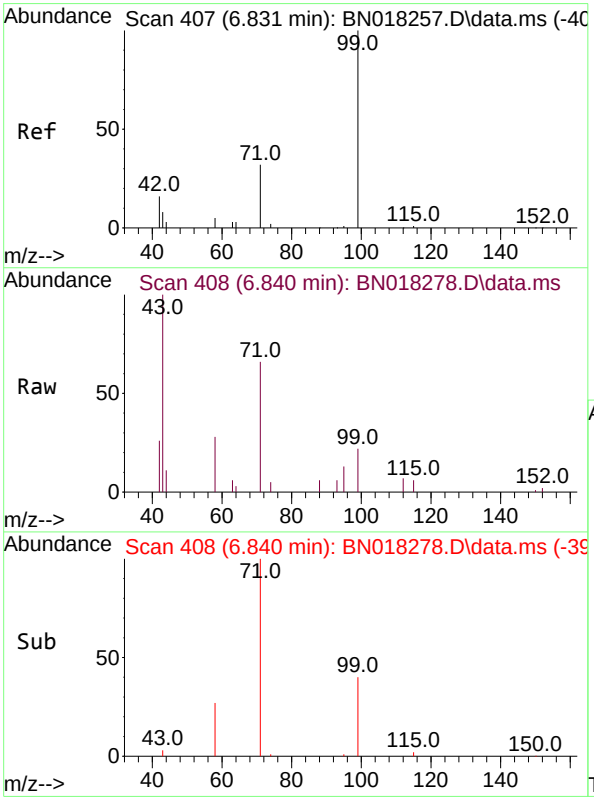
#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.273 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 320

Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.0	72.0#
63	0.0	25.3	37.9#

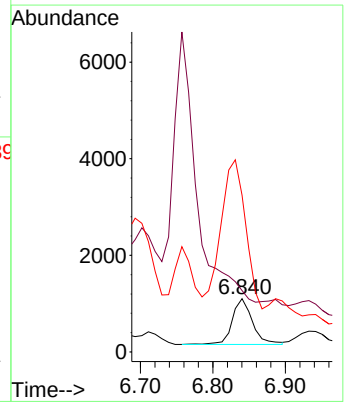


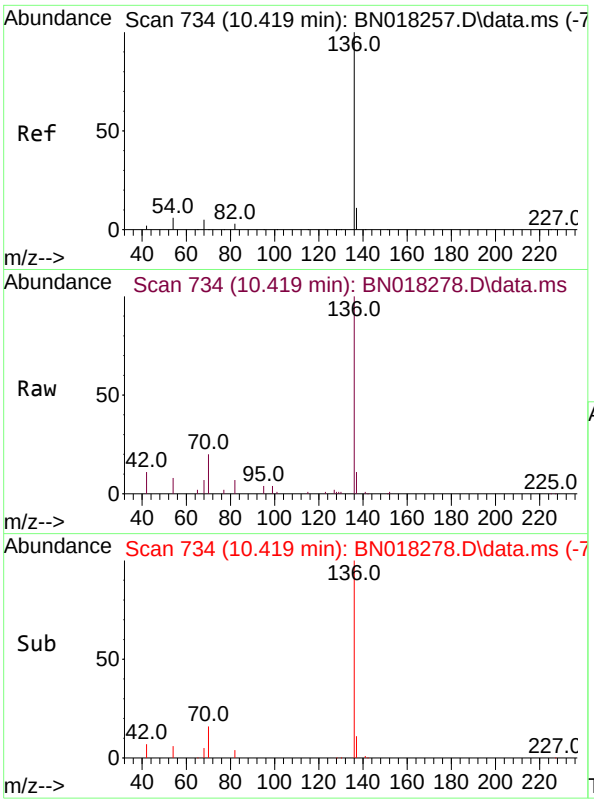


#5
Phenol-d6
Concen: 0.042 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion: 99 Resp: 1840

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.3	24.5#
71	394.0	26.8	40.2#



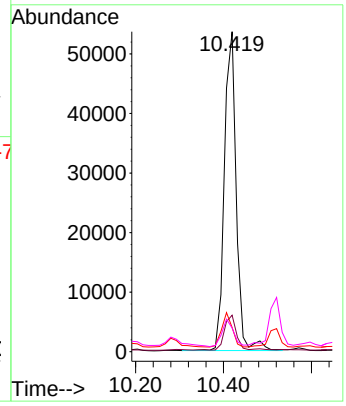


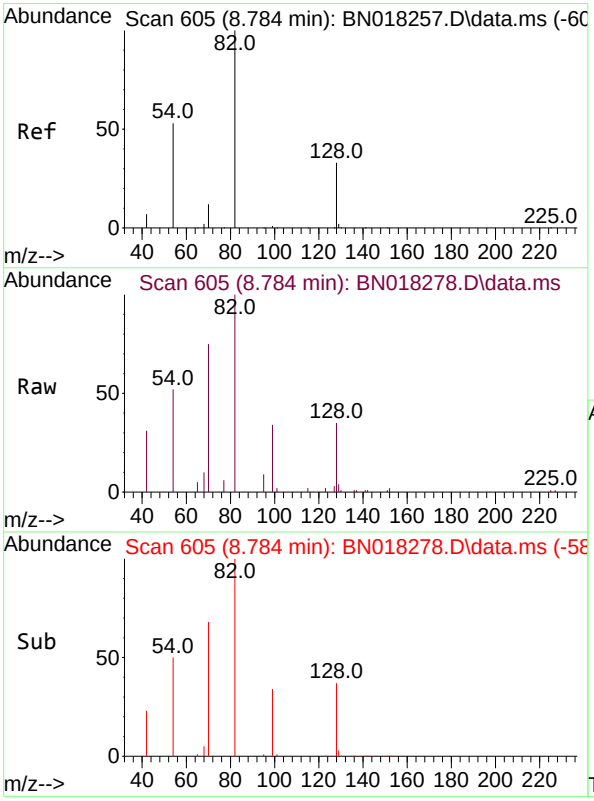
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 100799

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.6	5.0	7.6#
68	7.4	4.4	6.6#

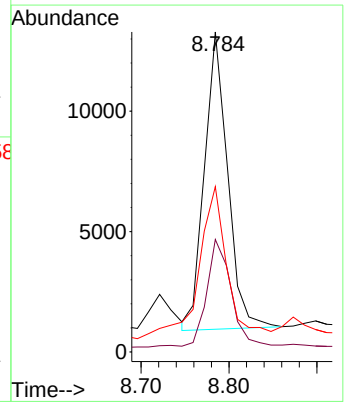


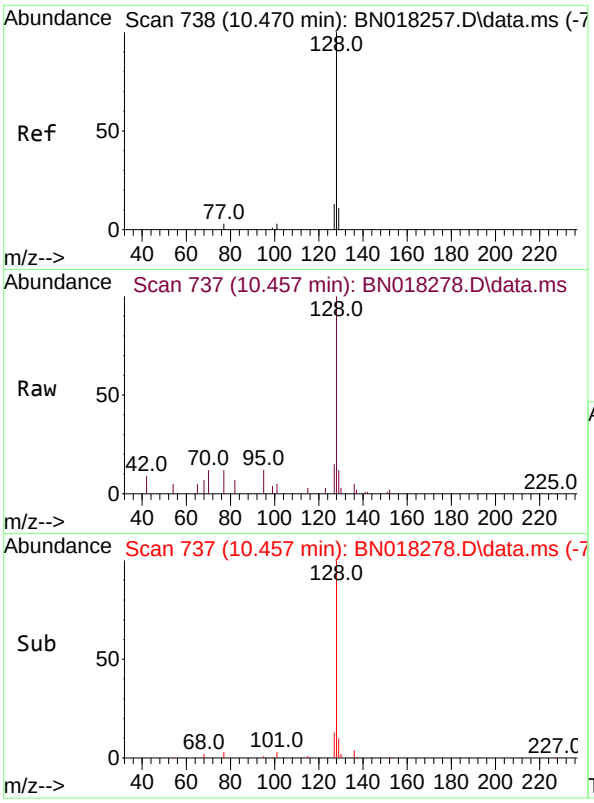


#8
Nitrobenzene-d5
Concen: 0.440 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion: 82 Resp: 22667

Ion	Ratio	Lower	Upper
82	100		
128	35.2	33.7	50.5
54	51.6	36.6	55.0



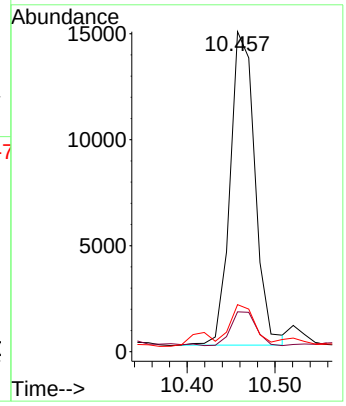


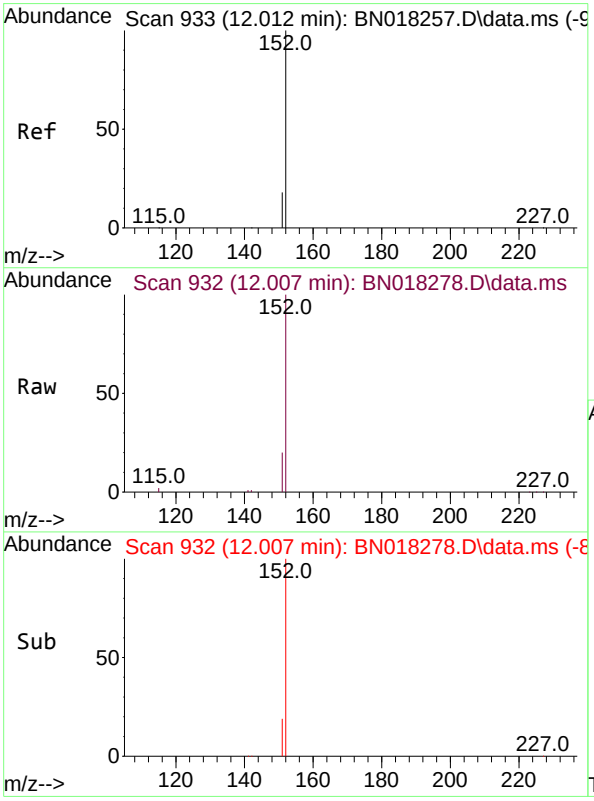
#9
Naphthalene
Concen: 0.116 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 29027

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.7	13.1
127	14.7	10.4	15.6

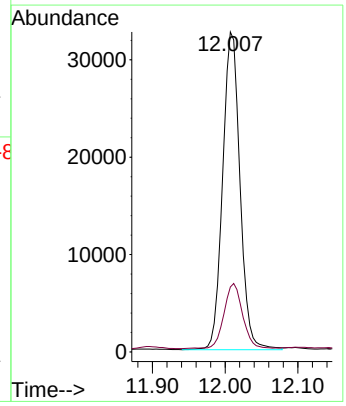


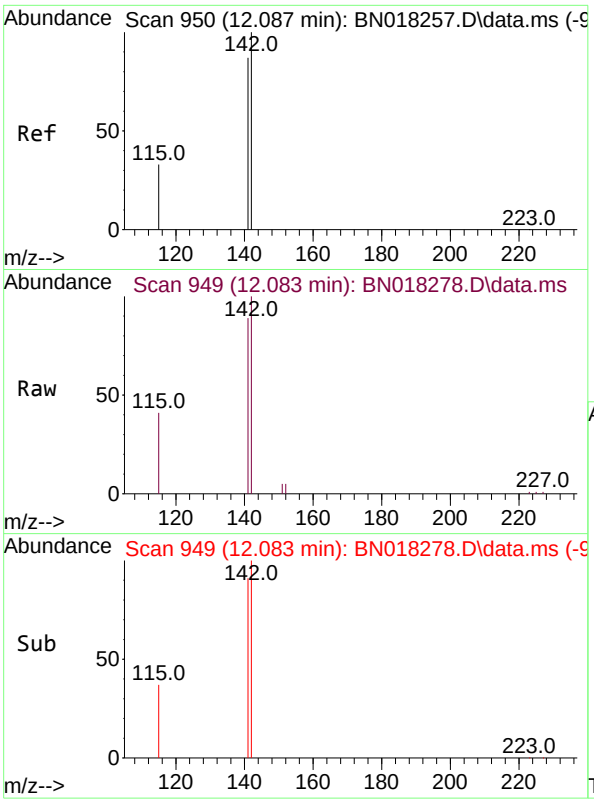


#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:152 Resp: 54029

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.2	24.2



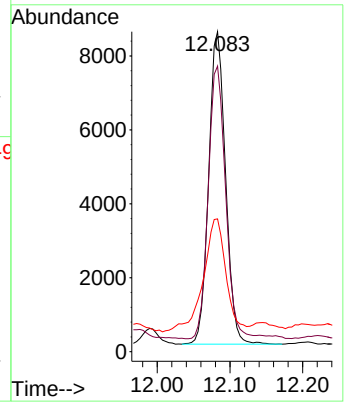


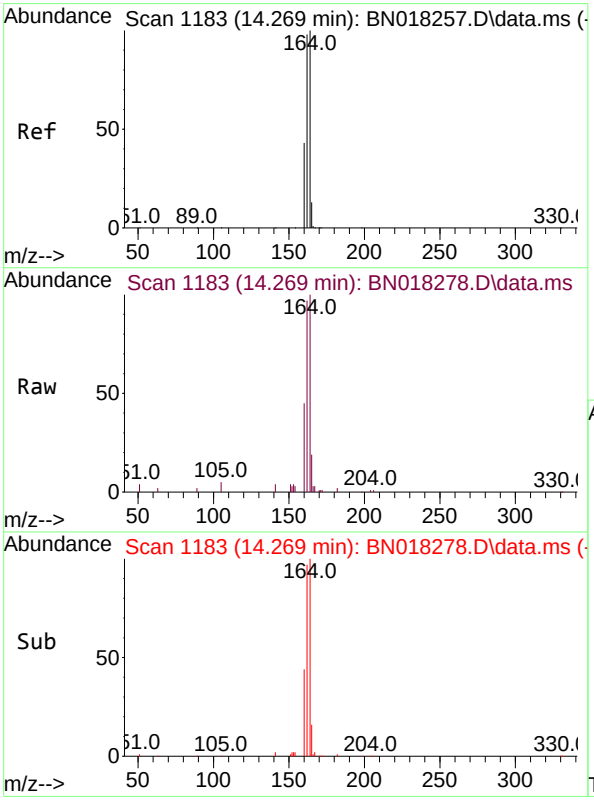
#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.004 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 13627

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0
115	41.5	27.8	41.8

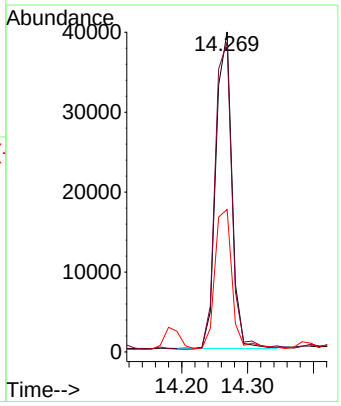


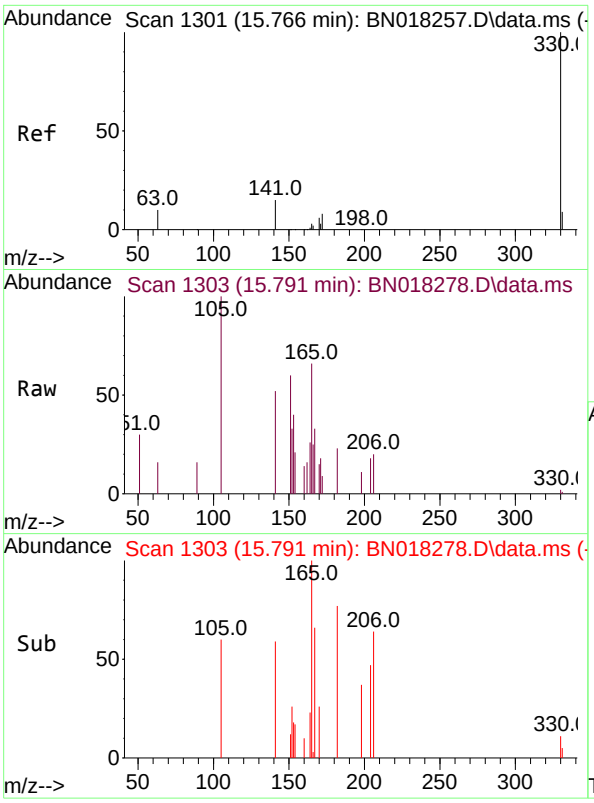


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:164 Resp: 66255

Ion	Ratio	Lower	Upper
164	100		
162	96.7	80.2	120.2
160	44.6	36.9	55.3



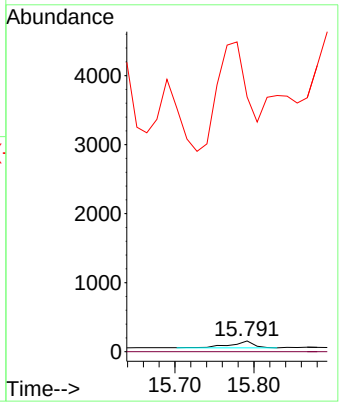


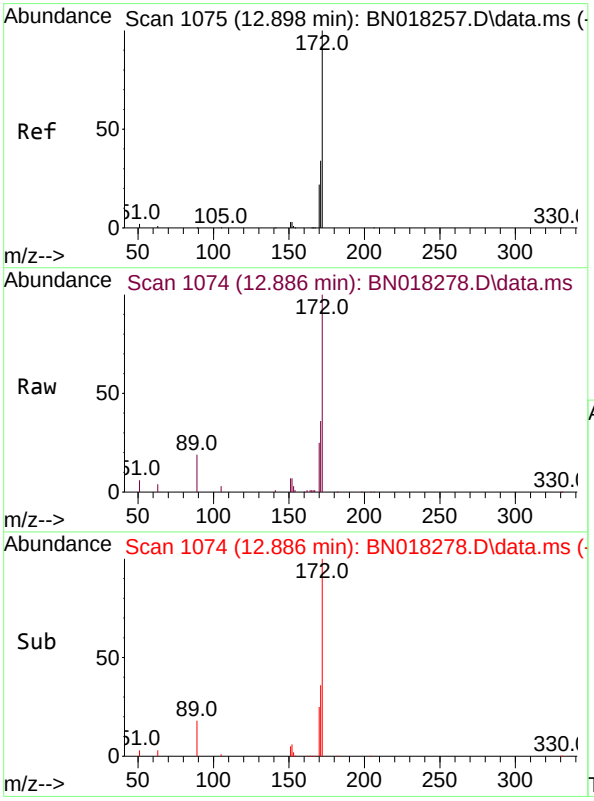
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 198

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	2080.3	21.3	31.9#

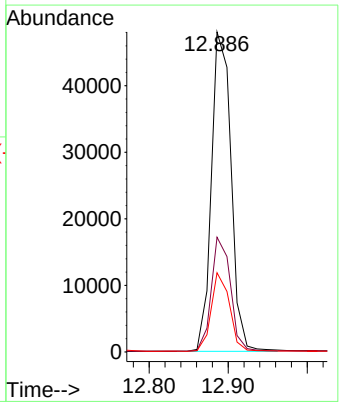


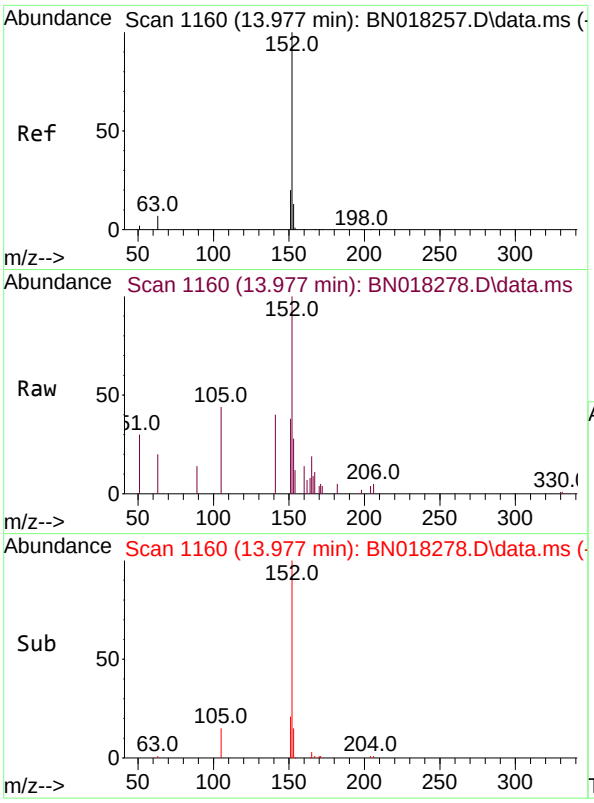


#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:172 Resp: 83011

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.4	41.0
170	24.8	18.4	27.6



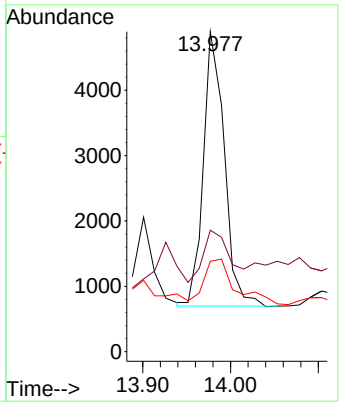


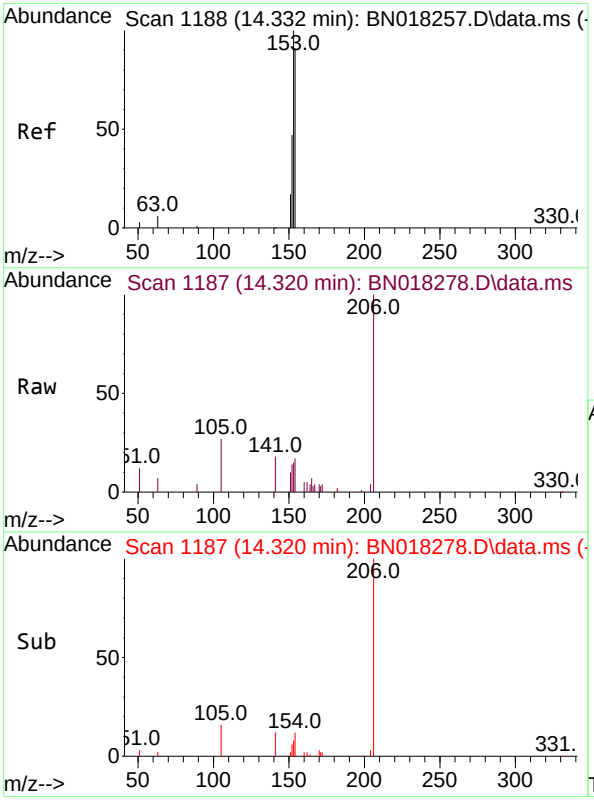
#16
Acenaphthylene
Concen: 0.030 ng
RT: 13.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6963

Ion	Ratio	Lower	Upper
152	100		
151	23.8	15.8	23.6#
153	24.4	10.5	15.7#

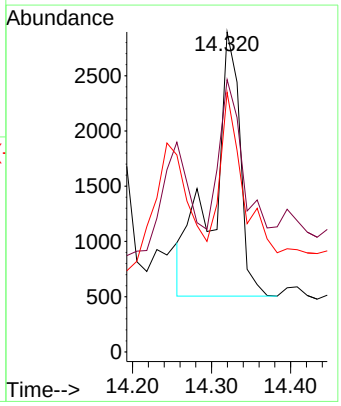


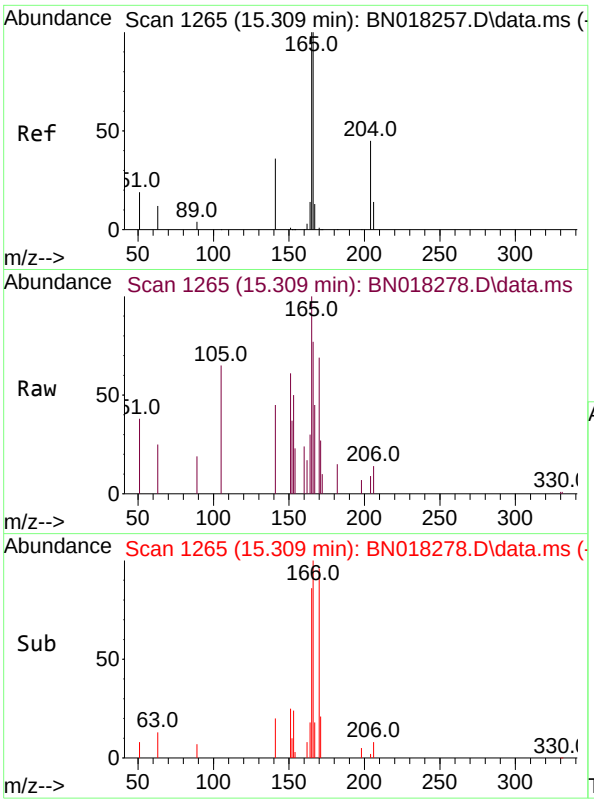


#17
Acenaphthene
Concen: 0.033 ng
RT: 14.320 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:154 Resp: 5698

Ion	Ratio	Lower	Upper
154	100		
153	45.2	90.9	136.3#
152	50.1	45.0	67.4



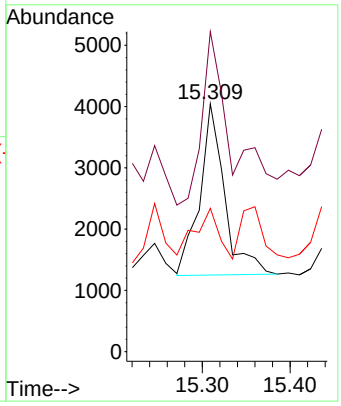


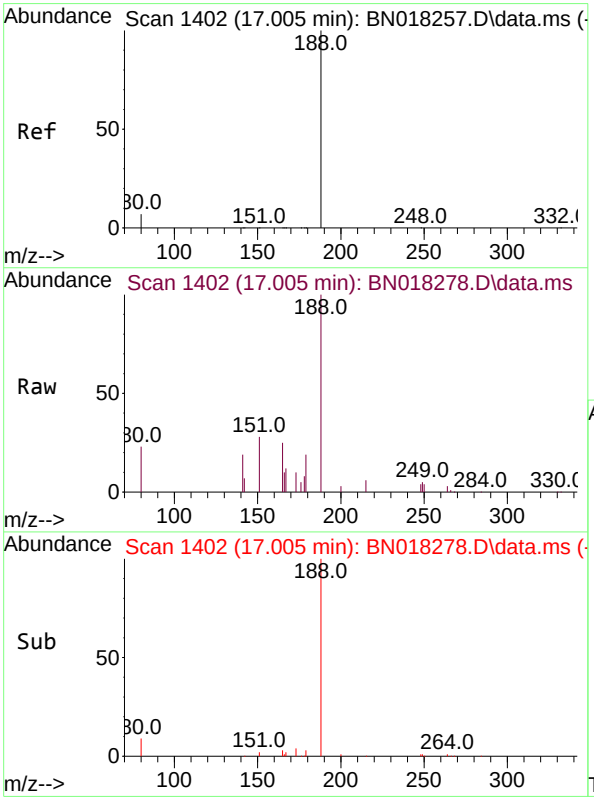
#18
Fluorene
Concen: 0.027 ng
RT: 15.309 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5501

Ion	Ratio	Lower	Upper
166	100		
165	123.8	77.8	116.6#
167	33.3	10.9	16.3#

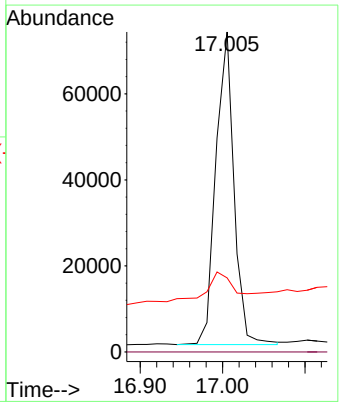


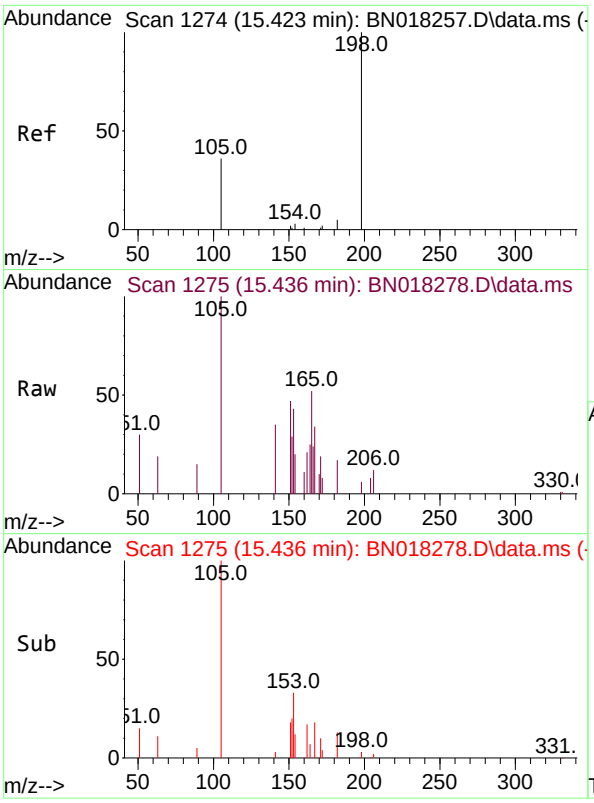


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:188 Resp: 110990

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	23.1	7.0	10.4#



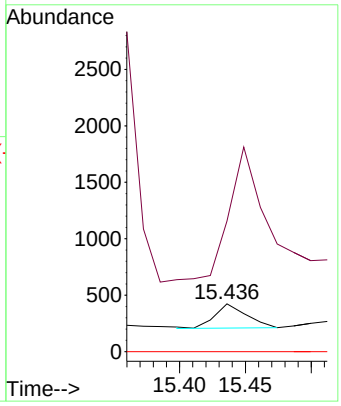


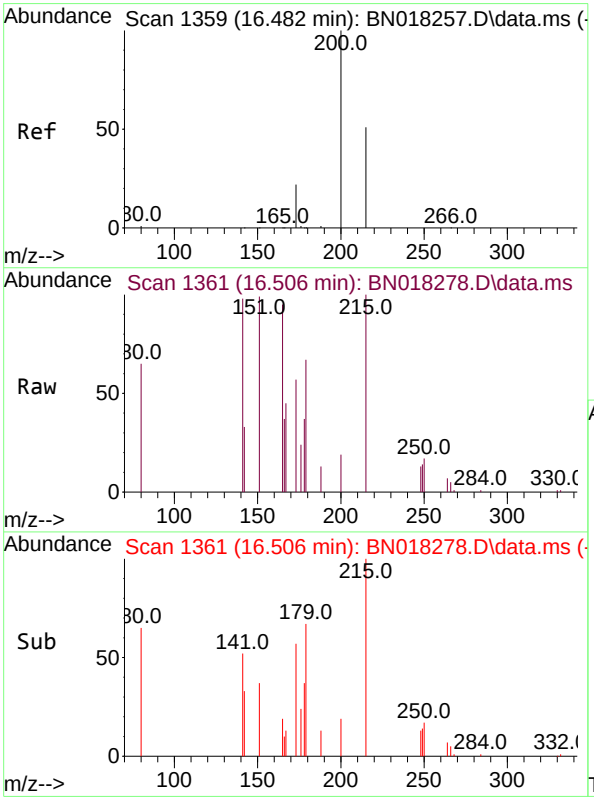
#20
4,6-Dinitro-2-methylphenol
Concen: 0.358 ng
RT: 15.436 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 359

Ion	Ratio	Lower	Upper
198	100		
182	272.9	15.5	23.3#
77	0.0	0.0	0.0

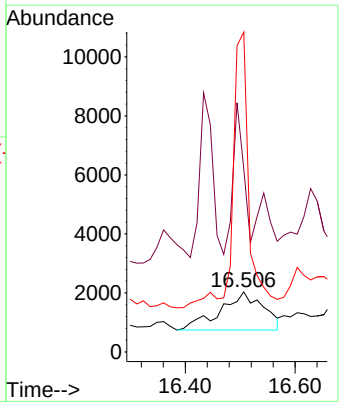


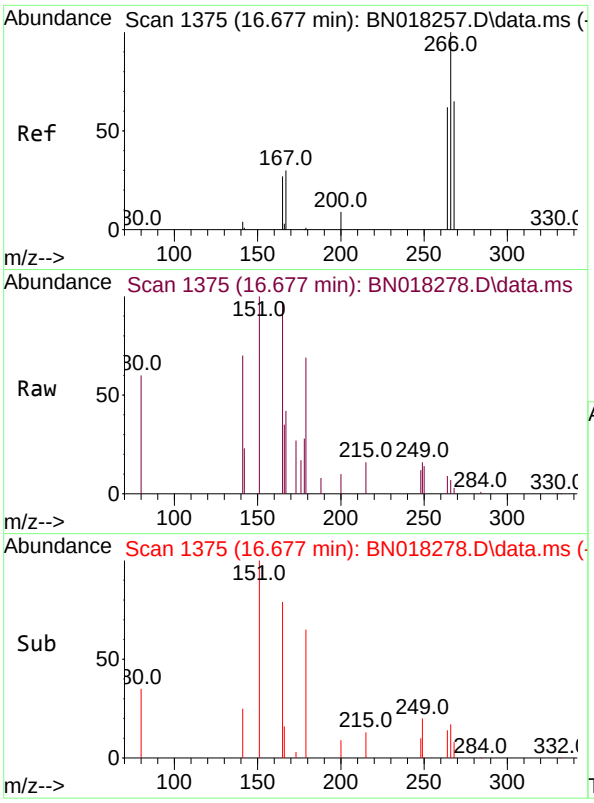


#23
Atrazine
Concen: 0.260 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.024 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:200 Resp: 6989

Ion	Ratio	Lower	Upper
200	100		
173	305.4	20.3	30.5#
215	533.2	40.4	60.6#



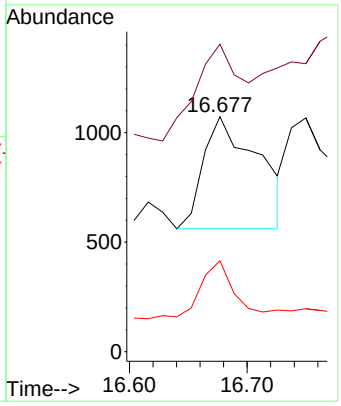


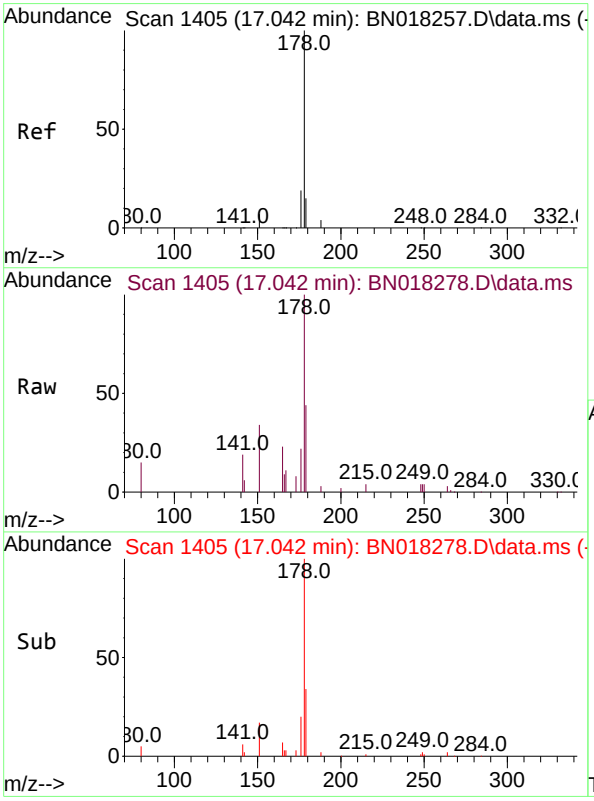
#24
Pentachlorophenol
Concen: 0.334 ng
RT: 16.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 1644

Ion	Ratio	Lower	Upper
266	100		
264	69.1	49.5	74.3
268	32.5	50.6	76.0#

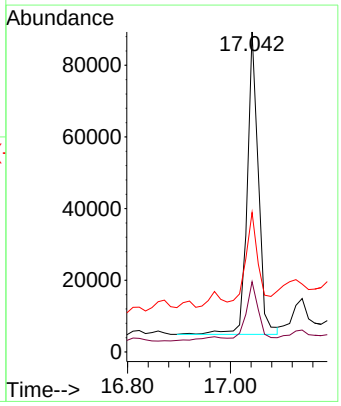


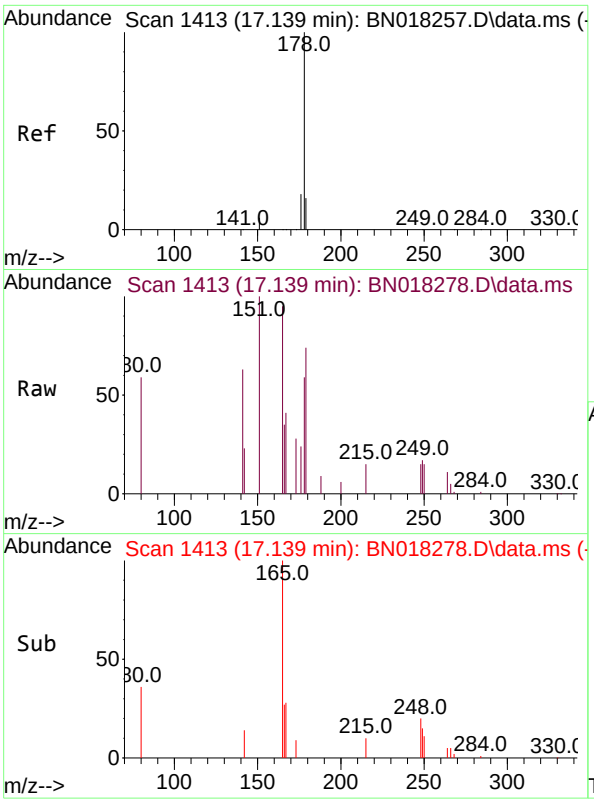


#25
Phenanthrene
Concen: 0.435 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:178 Resp: 127394

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	30.8	12.3	18.5#



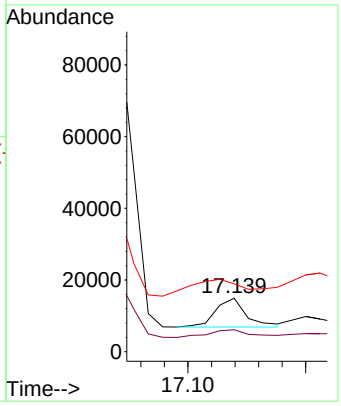


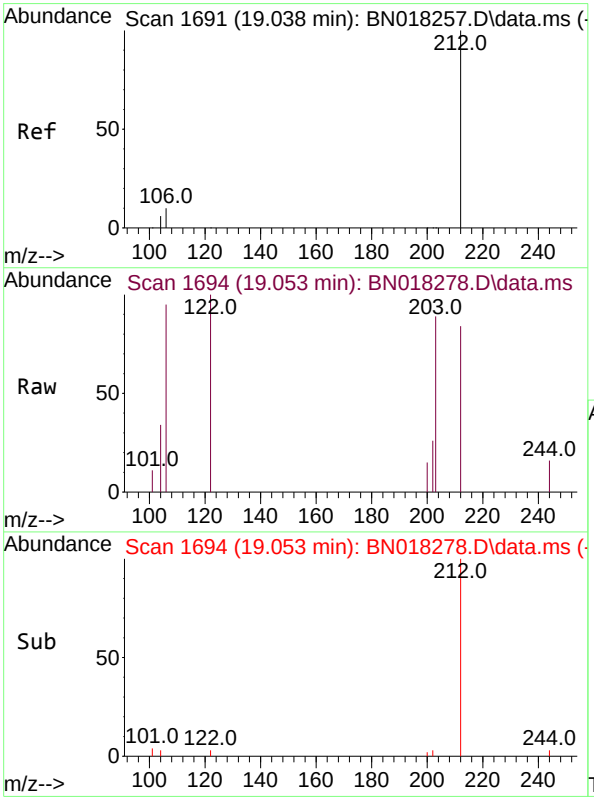
#26
Anthracene
Concen: 0.097 ng
RT: 17.139 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 14493

Ion	Ratio	Lower	Upper
178	100		
176	37.3	14.8	22.2#
179	94.1	12.2	18.4#

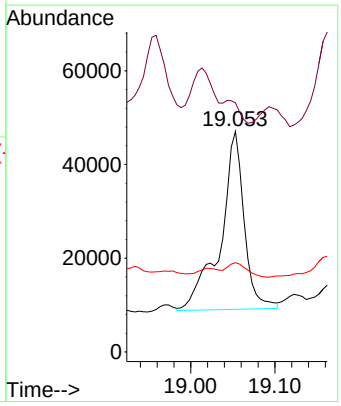


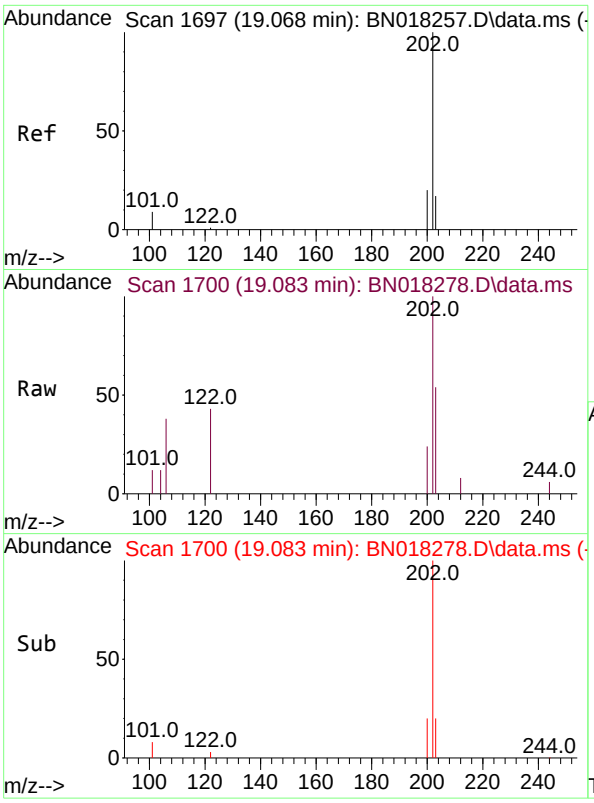


#27
Fluoranthene-d10
Concen: 0.211 ng
RT: 19.053 min Scan# 1694
Delta R.T. 0.015 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:212 Resp: 74647

Ion	Ratio	Lower	Upper
212	100		
106	0.0	8.4	12.6#
104	6.4	4.5	6.7



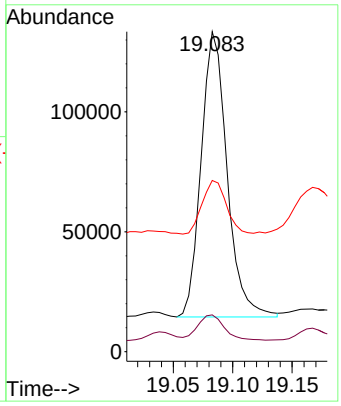


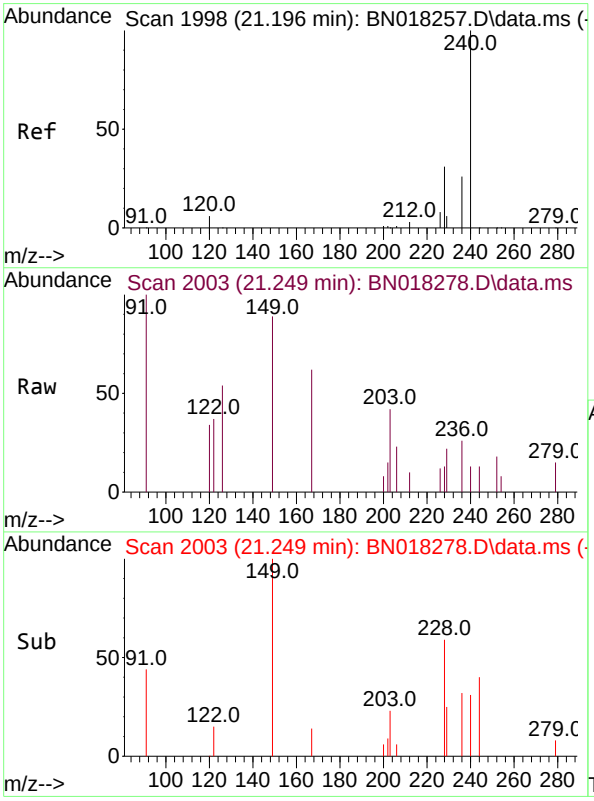
#28
Fluoranthene
Concen: 0.528 ng
RT: 19.083 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 180891

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	17.4	13.7	20.5

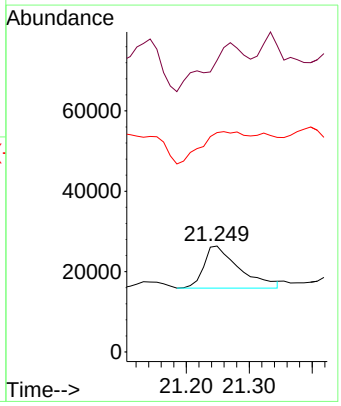


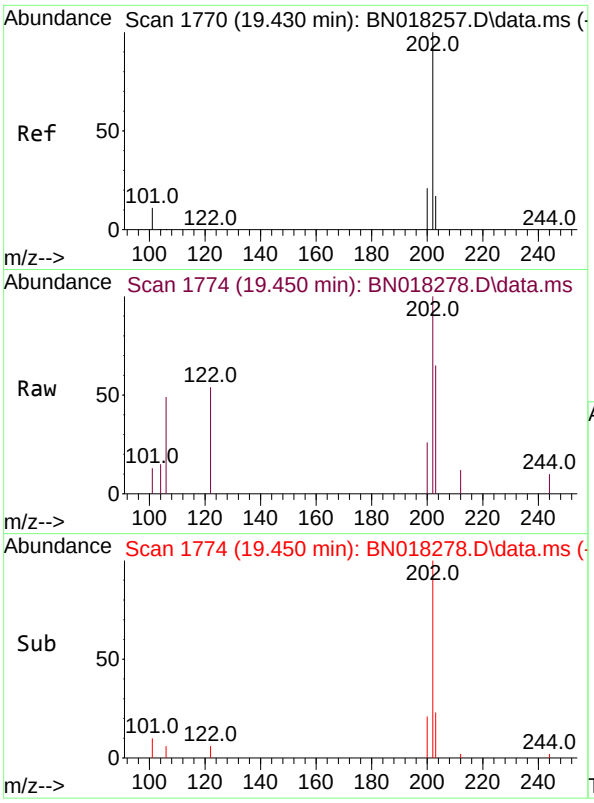


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.053 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:240 Resp: 41187

Ion	Ratio	Lower	Upper
240	100		
120	275.2	6.0	9.0#
236	206.9	21.4	32.2#



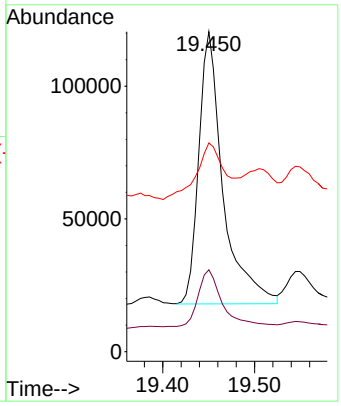


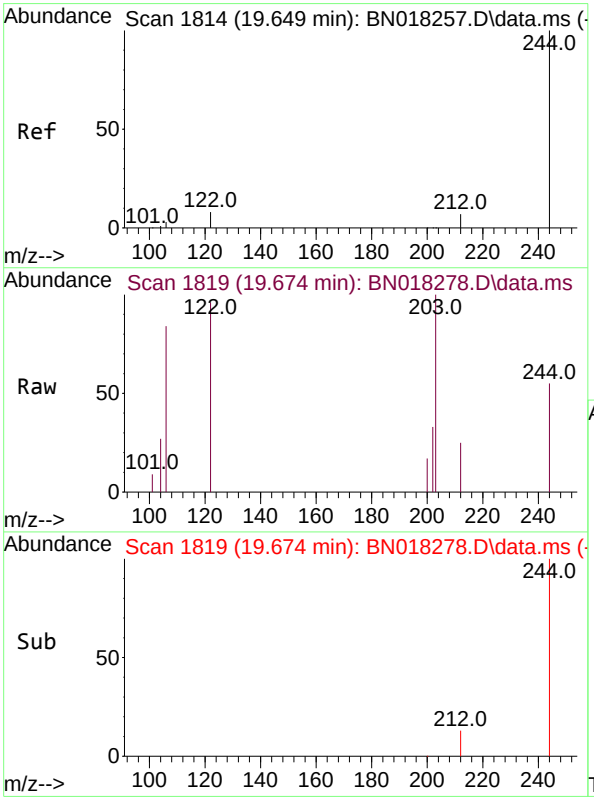
#30
Pyrene
Concen: 1.164 ng
RT: 19.450 min Scan# 1
Delta R.T. 0.020 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 188009

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	24.0	14.1	21.1#

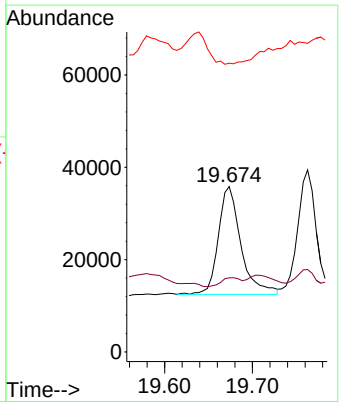


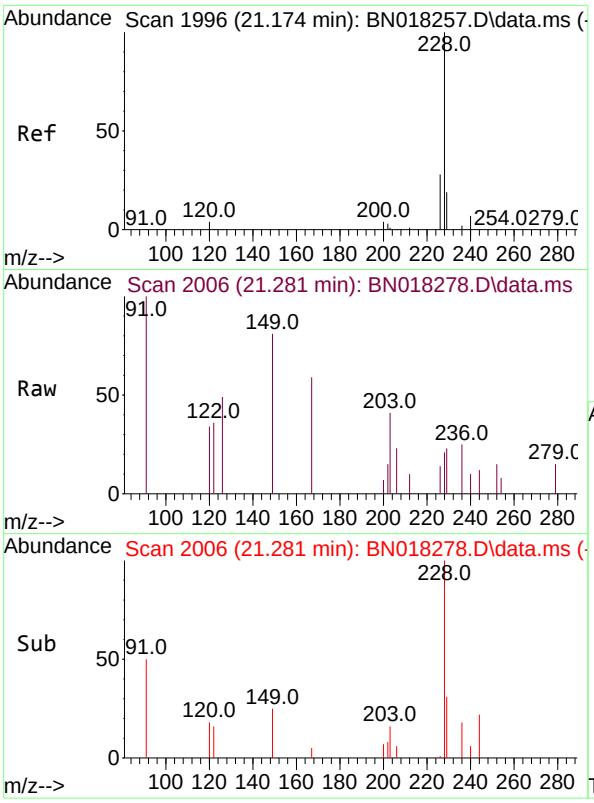


#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.674 min Scan# 1819
Delta R.T. 0.025 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:244 Resp: 41640

Ion	Ratio	Lower	Upper
244	100		
212	44.8	6.2	9.2#
122	174.6	7.9	11.9#



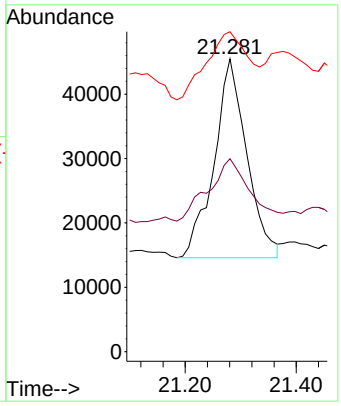


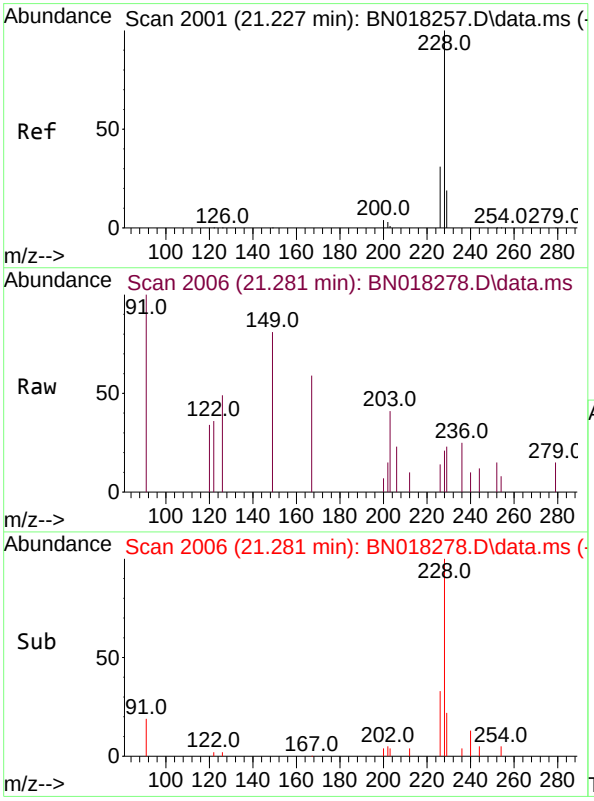
#32
Benzo(a)anthracene
Concen: 1.006 ng
RT: 21.281 min Scan# 2
Delta R.T. 0.107 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 126422

Ion	Ratio	Lower	Upper
228	100		
226	65.9	21.3	31.9#
229	109.3	15.9	23.9#

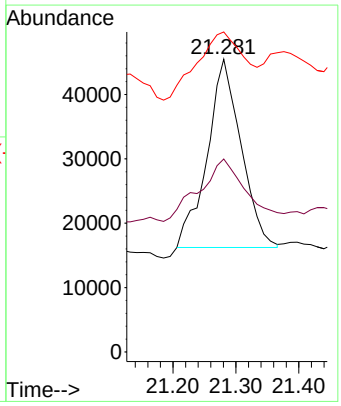


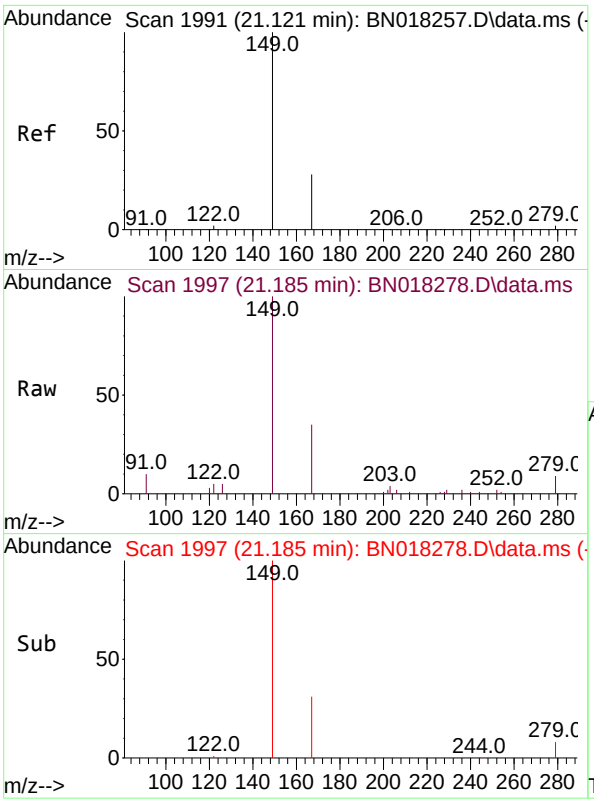


#33
Chrysene
Concen: 0.827 ng
RT: 21.281 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:228 Resp: 109591

Ion	Ratio	Lower	Upper
228	100		
226	65.9	24.2	36.4#
229	109.3	15.5	23.3#



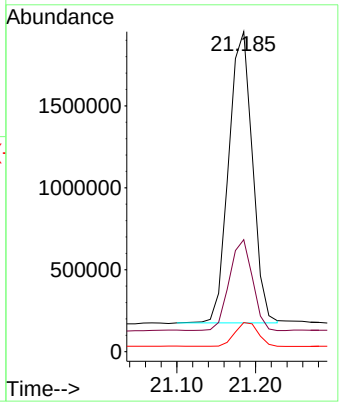


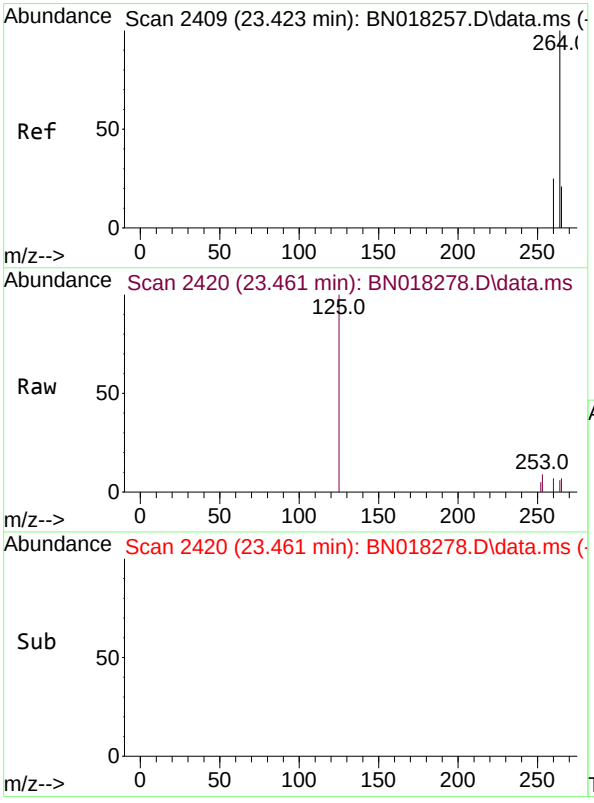
#34
Bis(2-ethylhexyl)phthalate
Concen: 72.445 ng
RT: 21.185 min Scan# 1
Delta R.T. 0.064 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 3724479

Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.7	35.5
279	8.0	3.6	5.4#

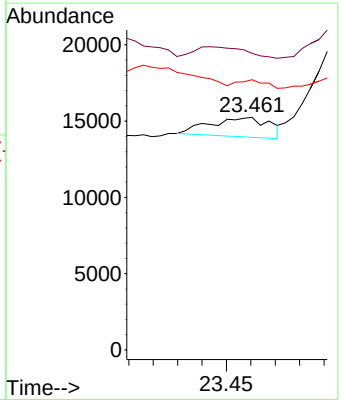


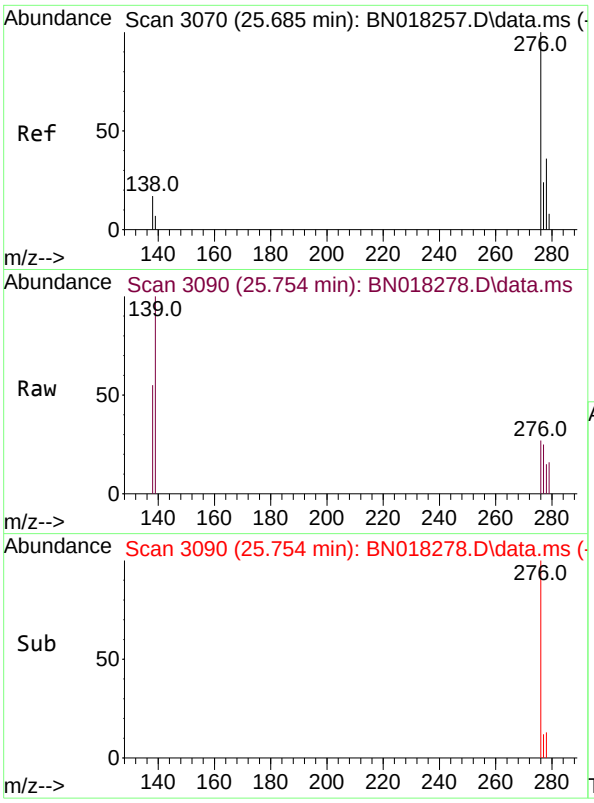


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.461 min Scan# 2420
Delta R.T. 0.038 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:264 Resp: 2106

Ion	Ratio	Lower	Upper
264	100		
260	127.5	20.2	30.4#
265	116.1	18.2	27.2#



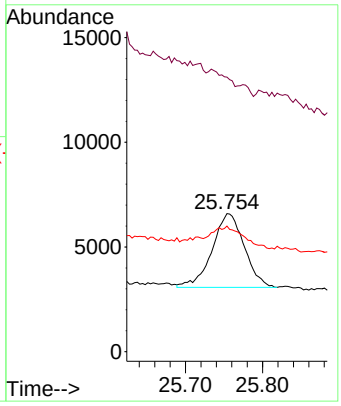


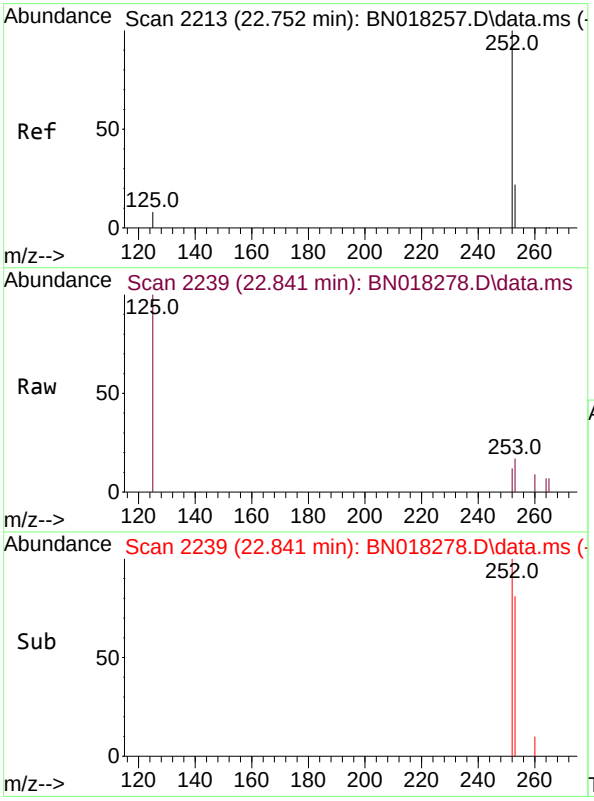
#36
Indeno(1,2,3-cd)pyrene
Concen: 2.030 ng
RT: 25.754 min Scan# 3
Delta R.T. 0.068 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10207

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.9	22.3#
277	29.4	19.9	29.9

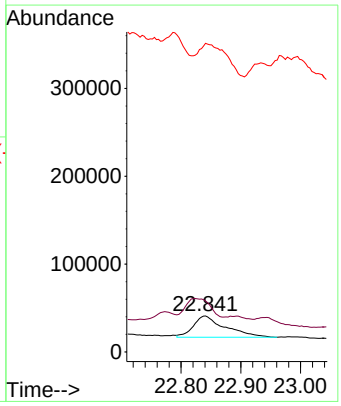


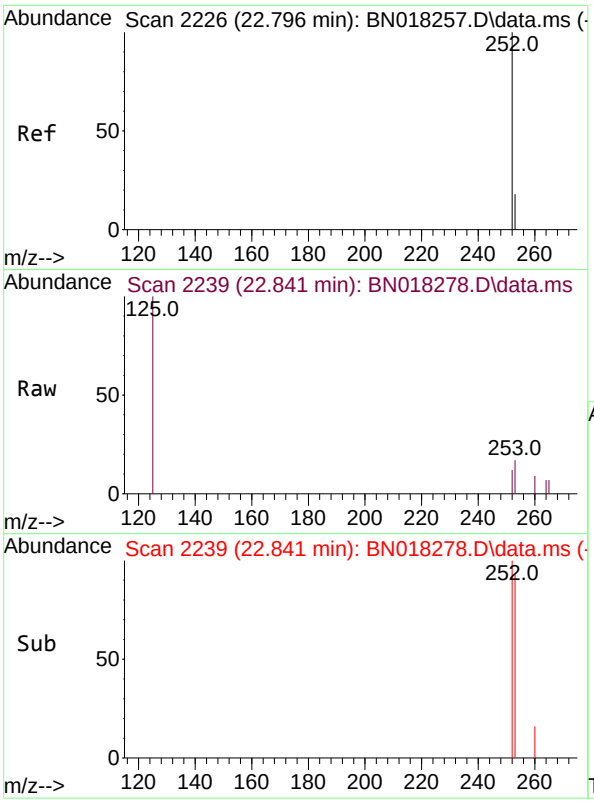


#37
Benzo(b)fluoranthene
Concen: 13.497 ng
RT: 22.841 min Scan# 2239
Delta R.T. 0.089 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:252 Resp: 90329

Ion	Ratio	Lower	Upper
252	100		
253	141.9	17.8	26.6#
125	858.0	6.0	9.0#



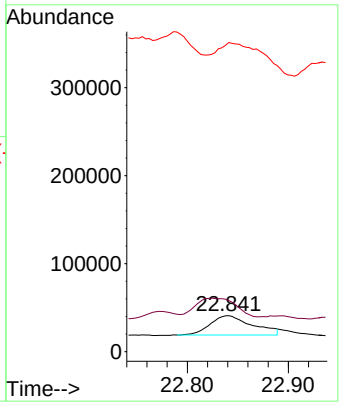


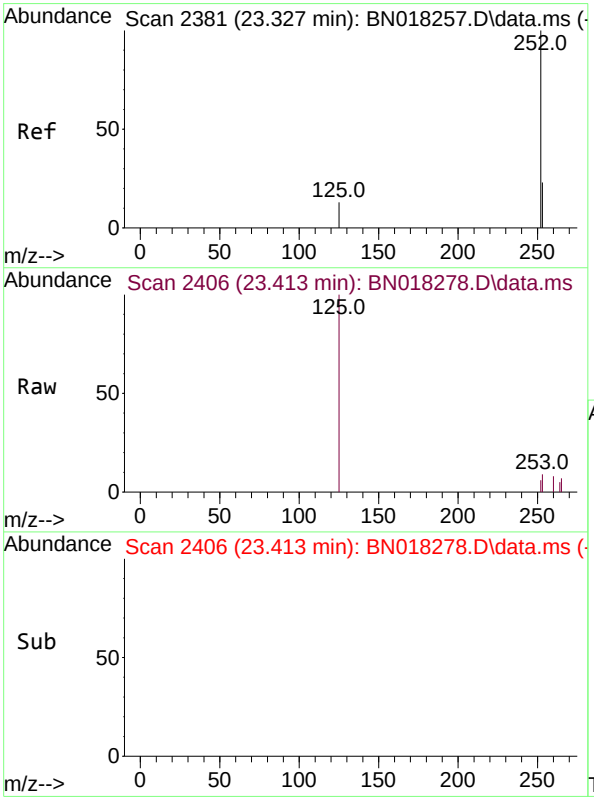
#38
Benzo(k)fluoranthene
Concen: 10.171 ng
RT: 22.841 min Scan# 2
Delta R.T. 0.045 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 64446

Ion	Ratio	Lower	Upper
252	100		
253	141.9	17.7	26.5#
125	858.0	6.2	9.2#

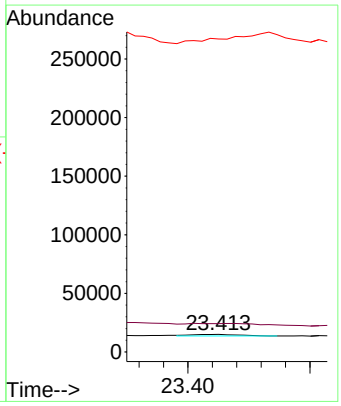


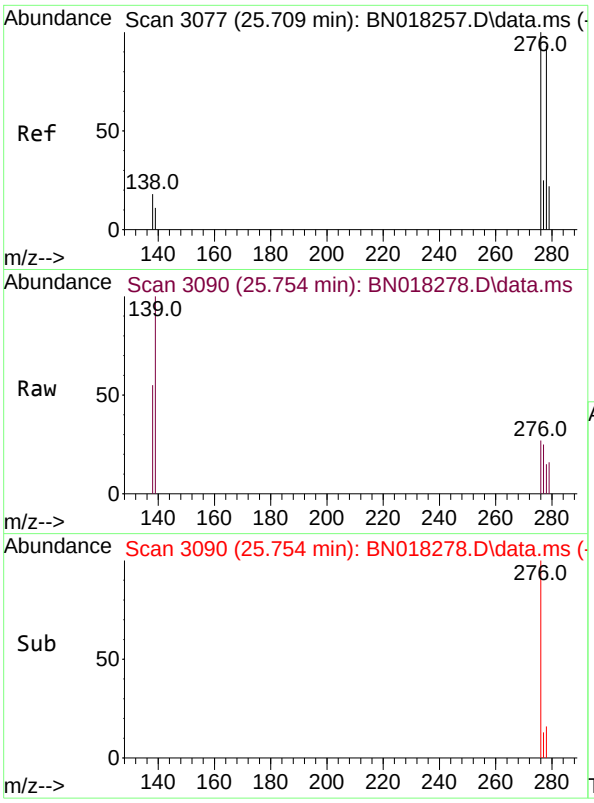


#39
Benzo(a)pyrene
Concen: 0.307 ng
RT: 23.413 min Scan# 2406
Delta R.T. 0.086 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:252 Resp: 1787

Ion	Ratio	Lower	Upper
252	100		
253	161.5	17.8	26.6#
125	1783.4	7.0	10.4#



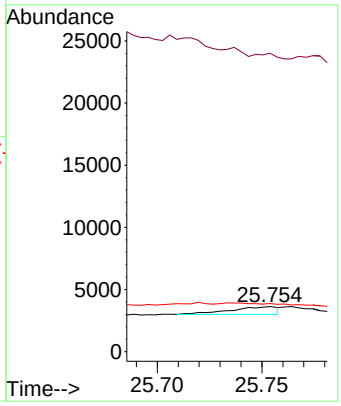


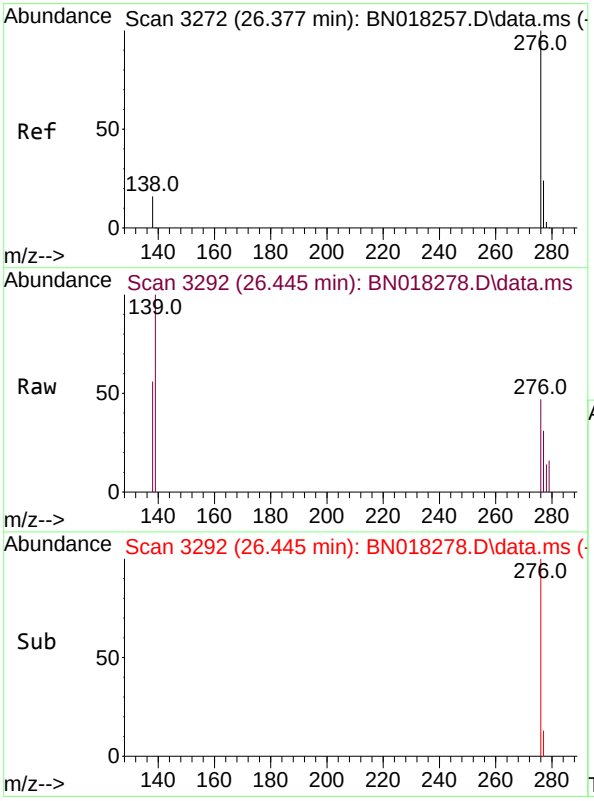
#40
Dibenzo(a,h)anthracene
Concen: 0.269 ng
RT: 25.754 min Scan# 3
Delta R.T. 0.044 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 965

Ion	Ratio	Lower	Upper
278	100		
139	660.8	10.8	16.2#
279	106.8	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 3.243 ng
RT: 26.445 min Scan# 3292
Delta R.T. 0.068 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:276 Resp: 16273

Ion	Ratio	Lower	Upper
276	100		
277	66.8	19.0	28.6#
138	119.9	12.6	19.0#