Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018277.D
Acq On : 30 Dec 2021 02:02
Operator : CG/JU
Sample : M5107-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 03:04:42 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	23526	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	98497	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	66854	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	92192	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	60231	0.400	ng	# 0.03
35) Perylene-d12	23.484	264	62228	0.400	ng	# 0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	200	0.004	ng	0.03
5) Phenol-d6	6.840	99	2477	0.054	ng	0.00
8) Nitrobenzene-d5	8.784	82	23655	0.461	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	55053	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	199	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	83570	0.330	ng	0.00
27) Fluoranthene-d10	19.033	212	40274	0.137	ng	0.00
31) Terphenyl-d14	19.668	244	56469	0.369	ng	0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.493	42	16611	0.860	ng	# 1
9) Naphthalene	10.470	128	16366	0.067	ng	# 95
12) 2-Methylnaphthalene	12.083	142	8230	0.053	ng	95
16) Acenaphthylene	14.002	152	13582	0.058	ng	# 28
17) Acenaphthene	14.319	154	3632	0.021	ng	# 4
18) Fluorene	15.309	166	24570	0.121	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.449	198	3781	1.678	ng	# 1
21) 4-Bromophenyl-phenylether	16.239	248	2967	0.053	ng	# 1
23) Atrazine	16.482	200	14801	0.453	ng	# 1
24) Pentachlorophenol	16.628	266	418	0.226	ng	# 19
25) Phenanthrene	17.054	178	319978	1.317	ng	# 76
26) Anthracene	17.139	178	10386	0.089	ng	# 63
28) Fluoranthene	19.093	202	108822	0.382	ng	# 86
30) Pyrene	19.455	202	102693	0.435	ng	# 78
32) Benzo(a)anthracene	21.259	228	96480	0.552	ng	# 1
33) Chrysene	21.259	228	69659	0.359	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.153	149	953081	12.677	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.740	276	8463	0.057	ng	# 78
37) Benzo(b)fluoranthene	22.813	252	39677	0.201	ng	# 1
39) Benzo(a)pyrene	23.385	252	7755	0.045	ng	# 1
40) Dibenzo(a,h)anthracene	25.750	278	3390	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.435	276	12289	0.083	ng	# 1

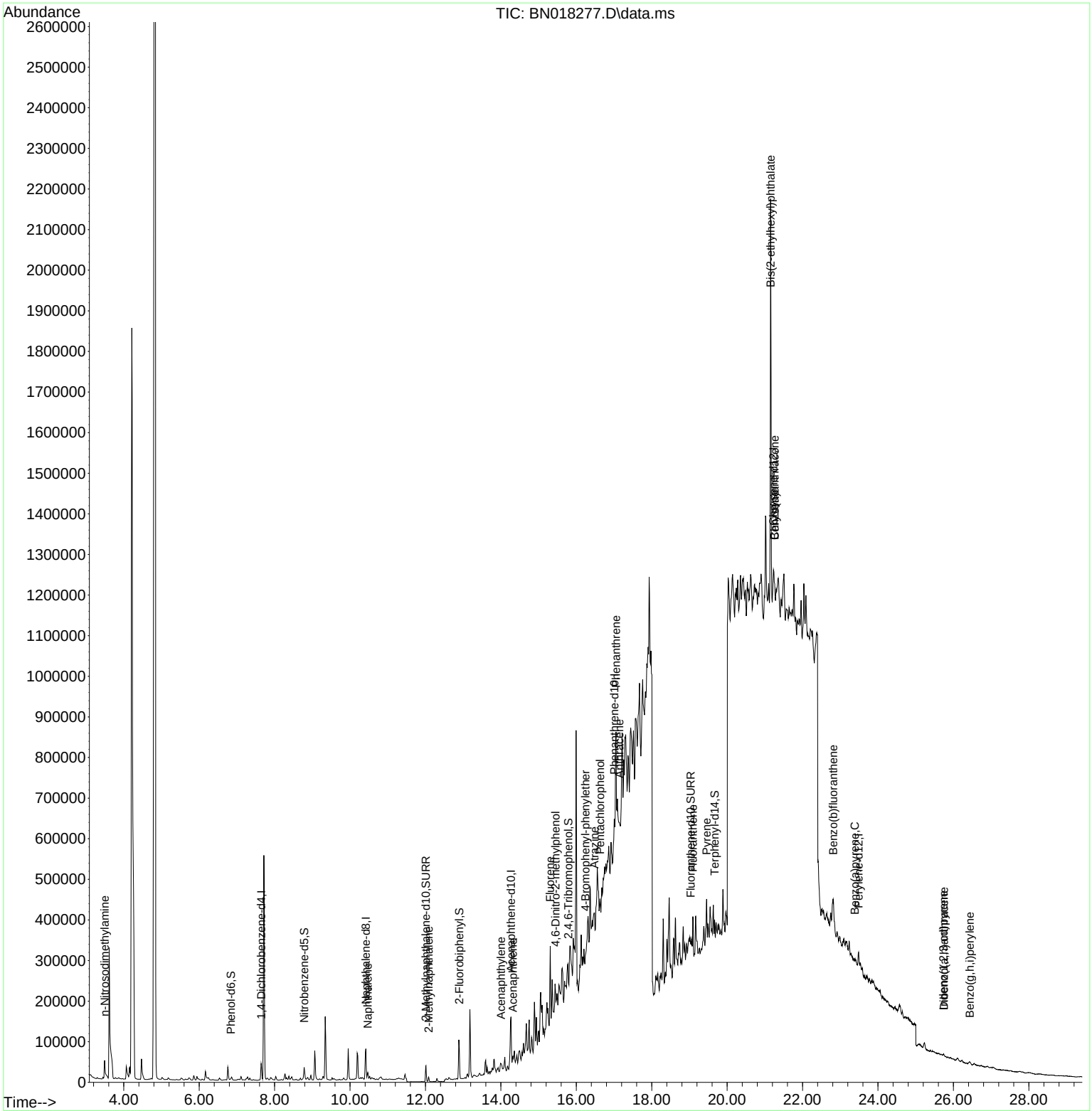
(#) = qualifier out of range (m) = manual integration (+) = signals summed

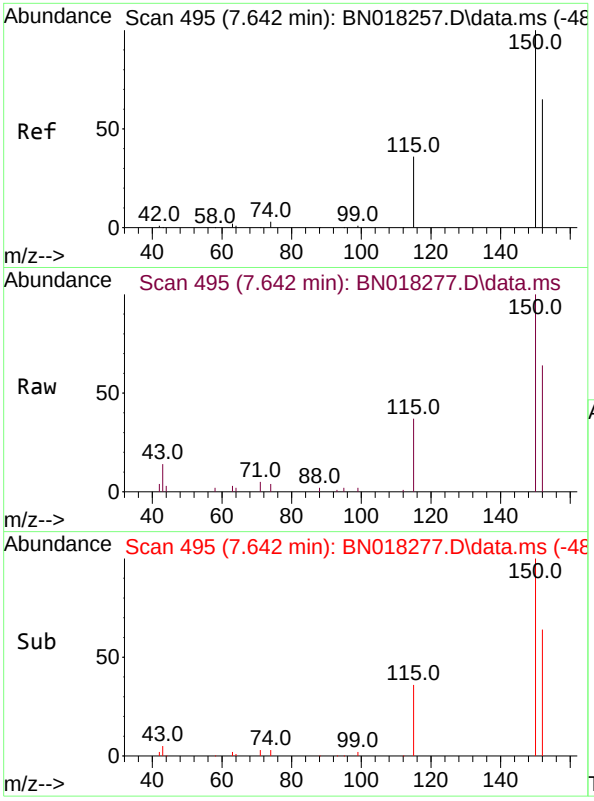
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018277.D
Acq On : 30 Dec 2021 02:02
Operator : CG/JU
Sample : M5107-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 03:04:42 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



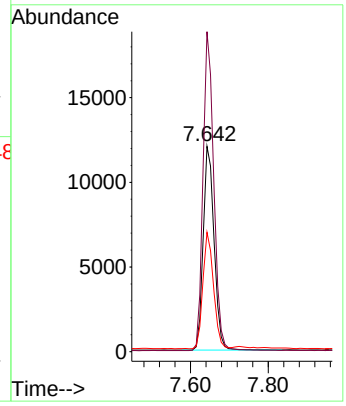


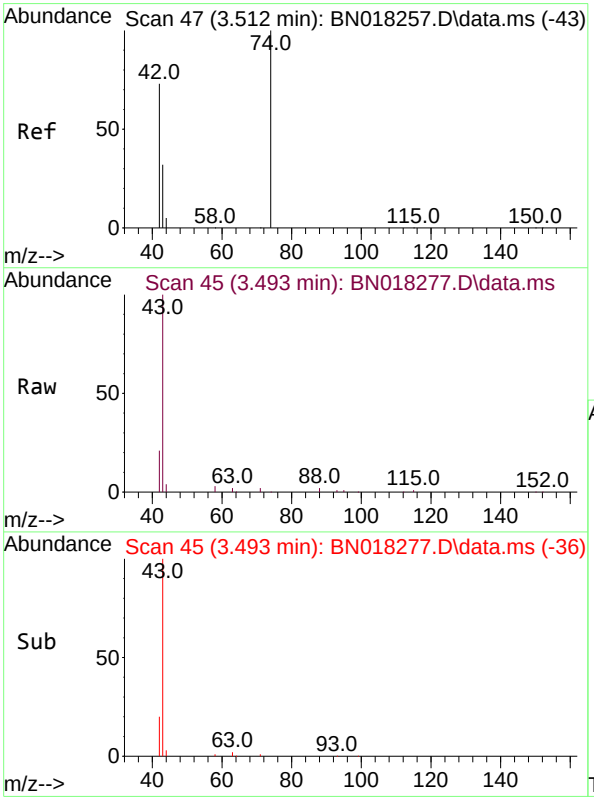
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23526

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.7	182.5
115	58.1	43.8	65.8

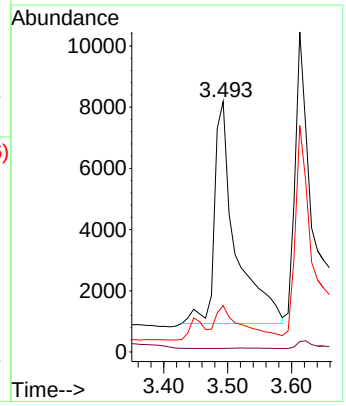


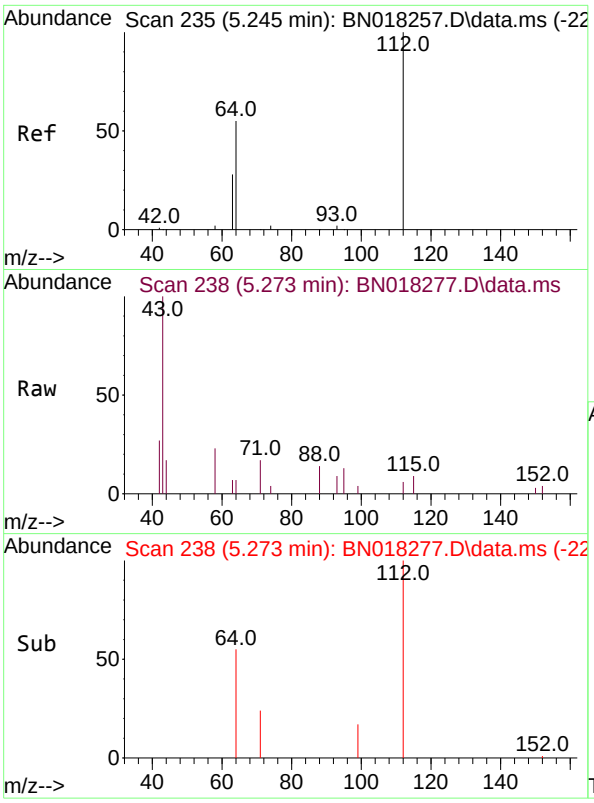


#3
n-Nitrosodimethylamine
Concen: 0.860 ng
RT: 3.493 min Scan# 45
Delta R.T. -0.019 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion: 42 Resp: 16611

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	16.5	5.8	8.8#



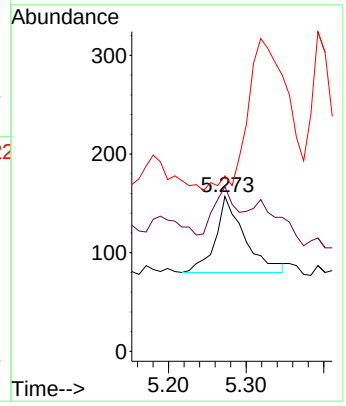


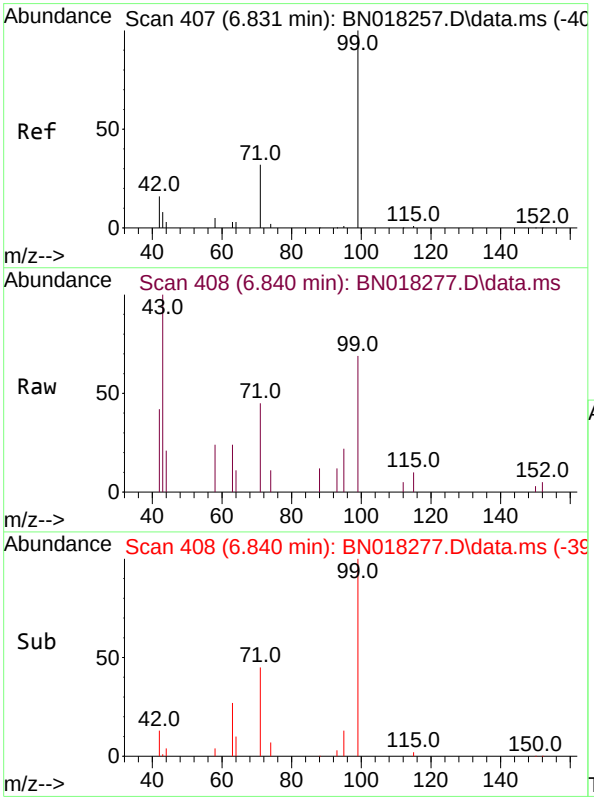
#4
2-Fluorophenol
Concen: 0.004 ng
RT: 5.273 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 200

Ion	Ratio	Lower	Upper
112	100		
64	45.0	48.0	72.0#
63	0.0	25.3	37.9#

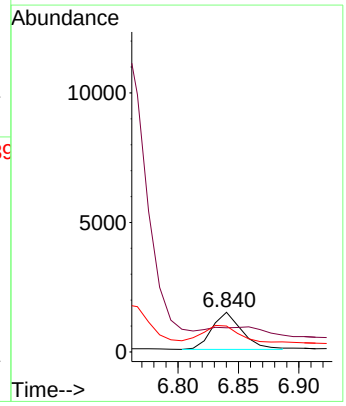


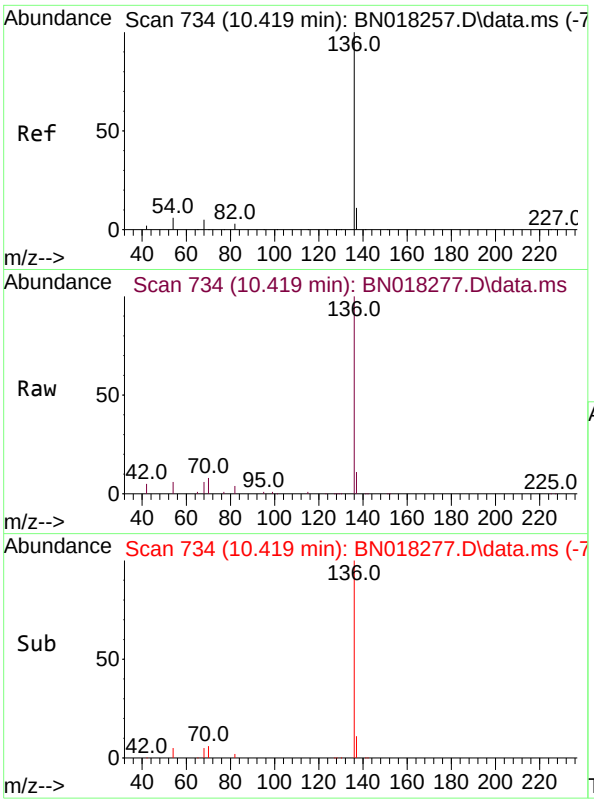


#5
Phenol-d6
Concen: 0.054 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion: 99 Resp: 2477

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.3	24.5#
71	53.0	26.8	40.2#



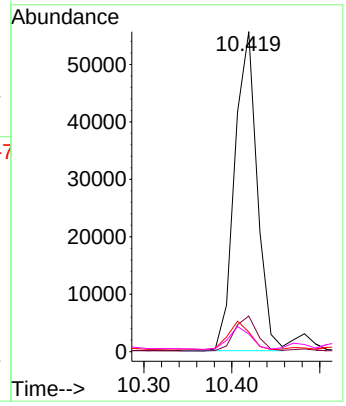


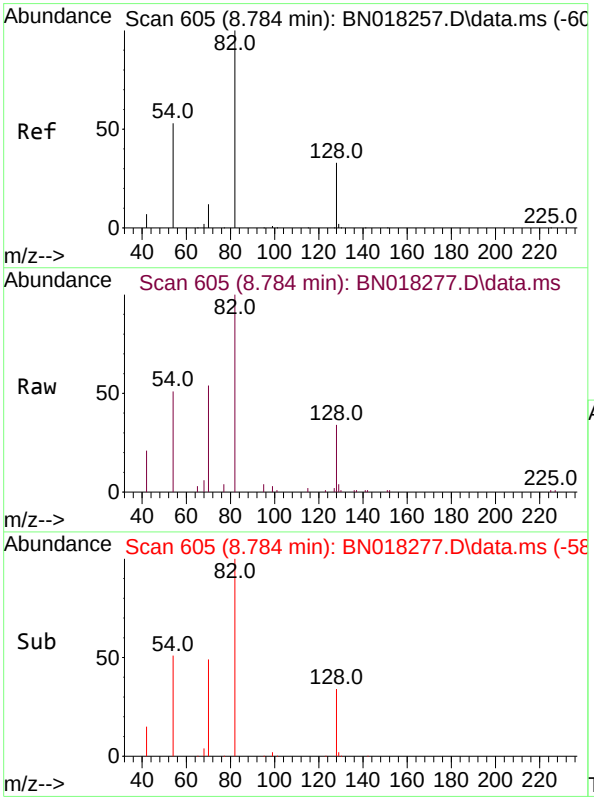
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 98497

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.1	5.0	7.6
68	5.5	4.4	6.6

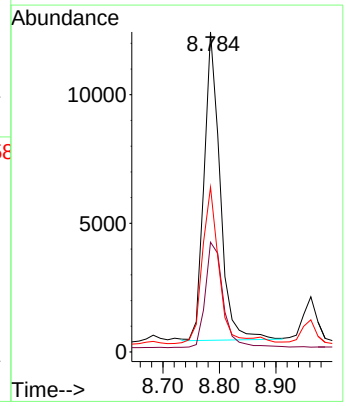


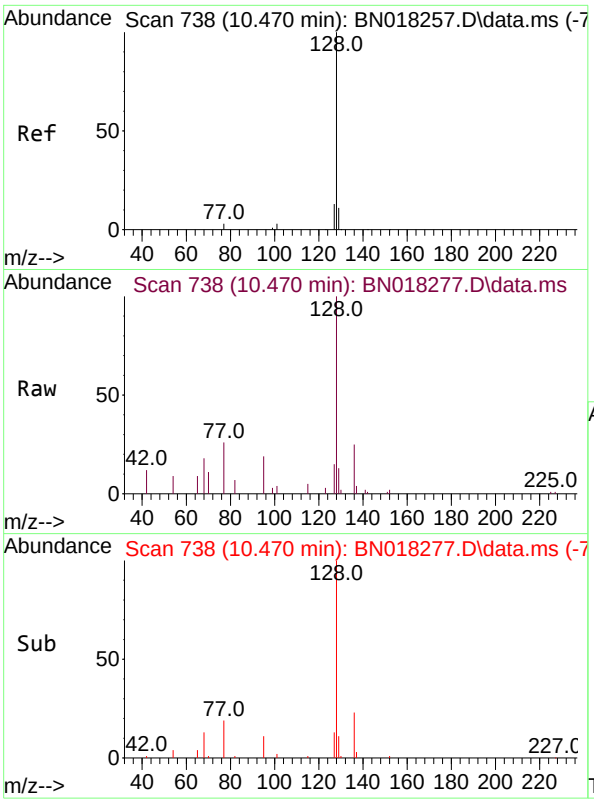


#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion: 82 Resp: 23655

Ion	Ratio	Lower	Upper
82	100		
128	34.3	33.7	50.5
54	51.5	36.6	55.0



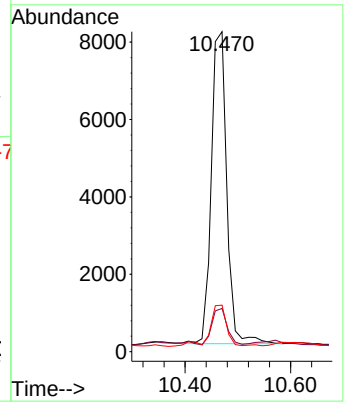


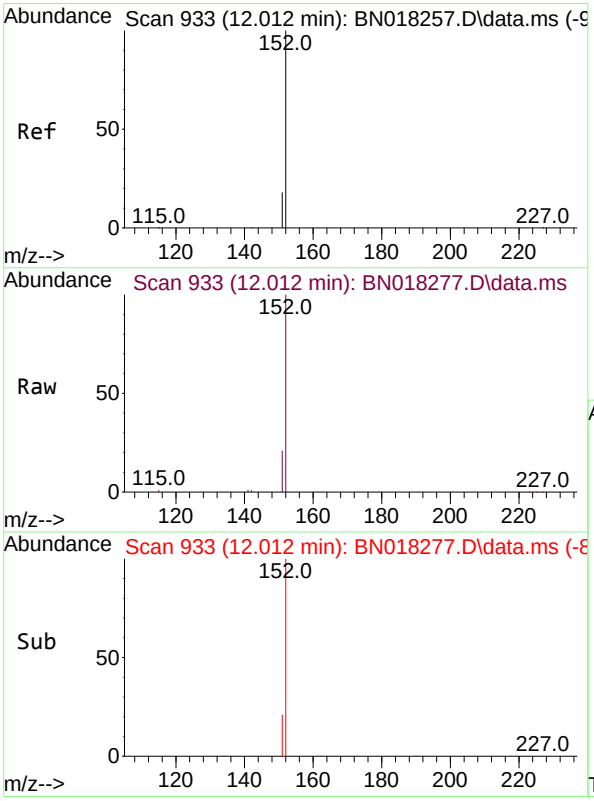
#9
Naphthalene
Concen: 0.067 ng
RT: 10.470 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 16366

Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.7	13.1#
127	14.5	10.4	15.6

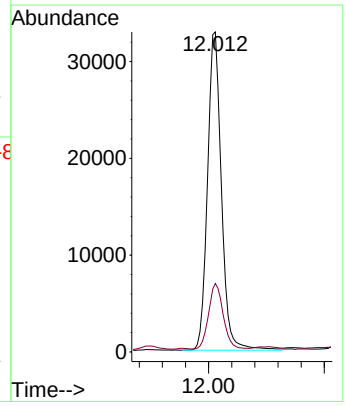


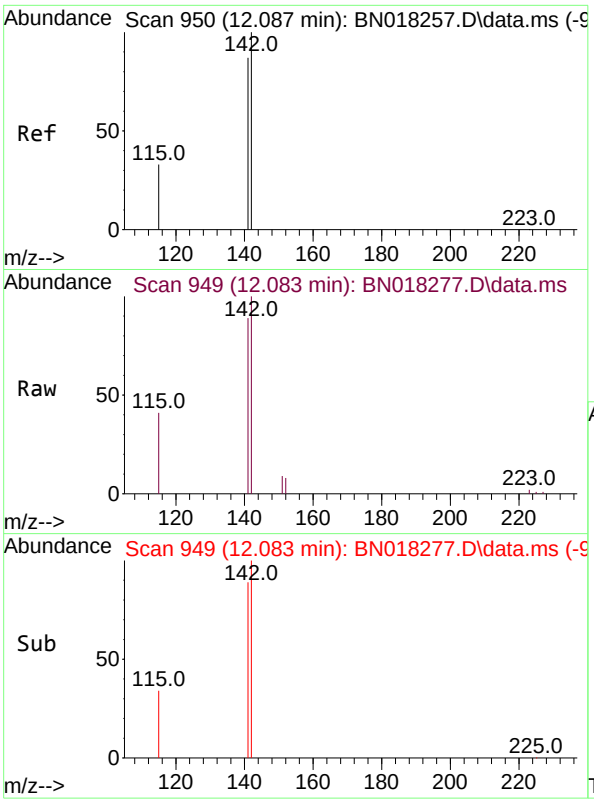


#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.012 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:152 Resp: 55053

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2



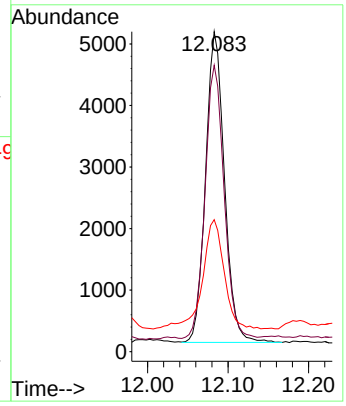


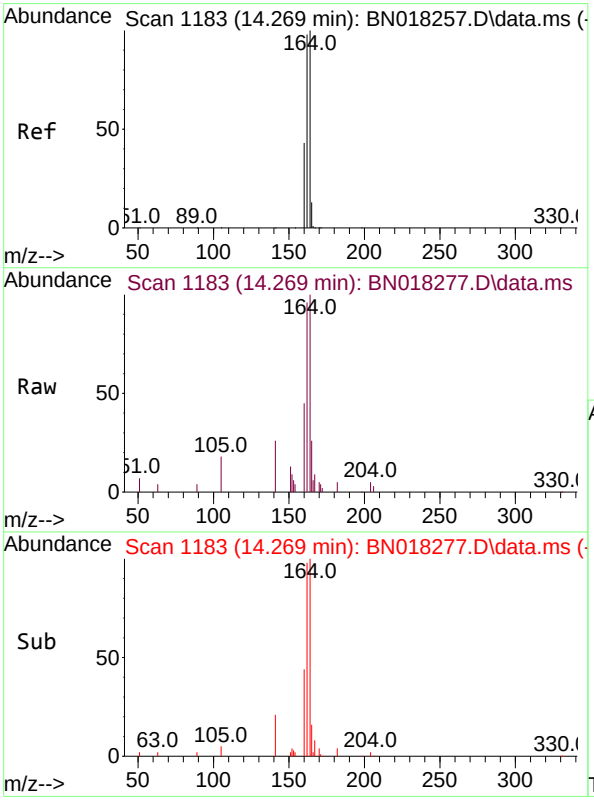
#12
2-Methylnaphthalene
Concen: 0.053 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.005 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 8230

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	41.3	27.8	41.8

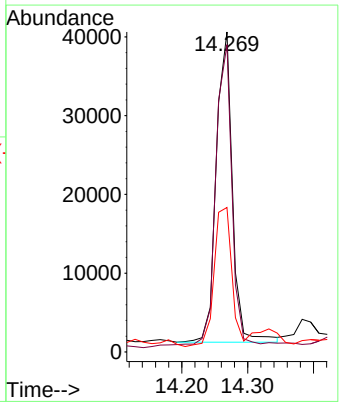


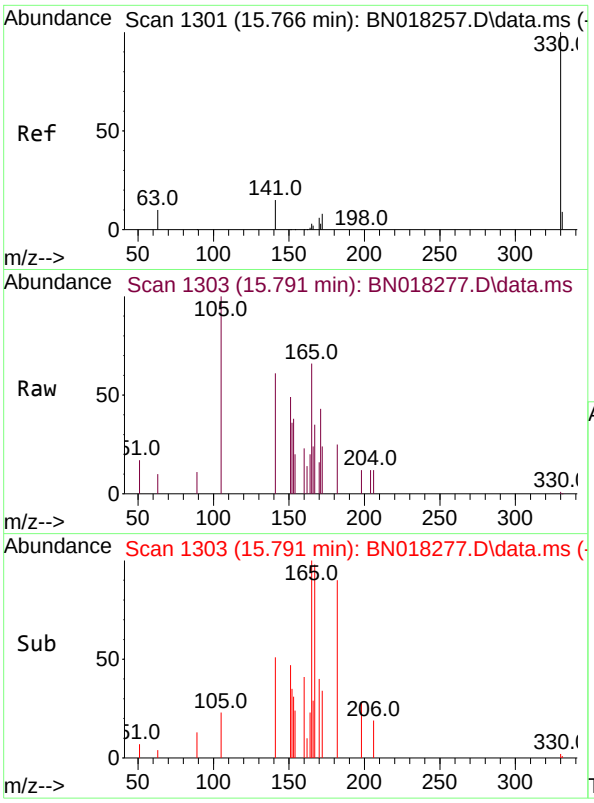


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:164 Resp: 66854

Ion	Ratio	Lower	Upper
164	100		
162	96.0	80.2	120.2
160	45.1	36.9	55.3



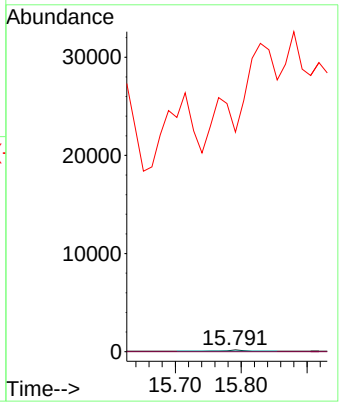


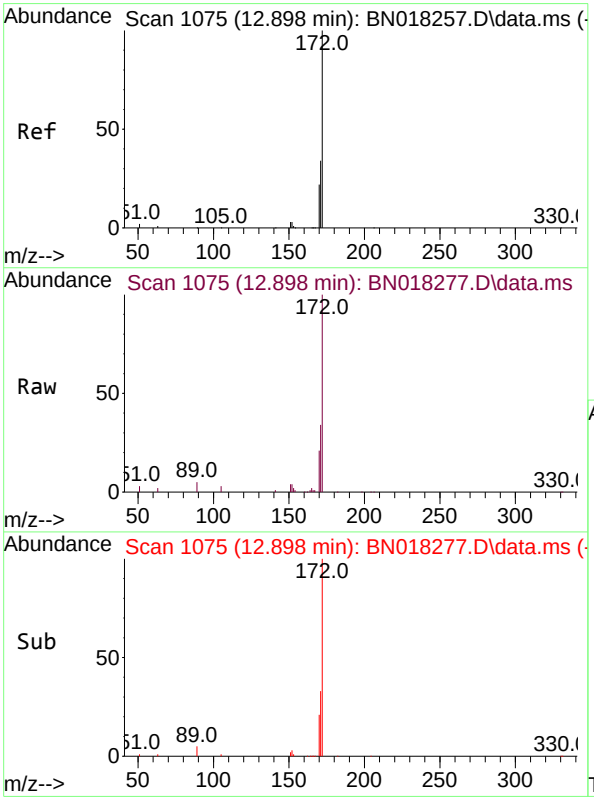
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 199

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

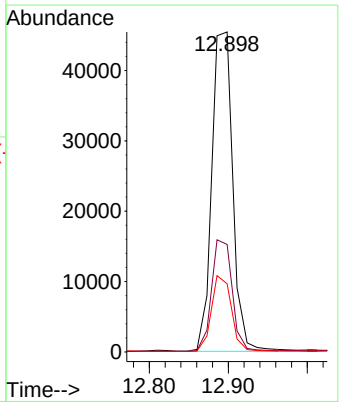


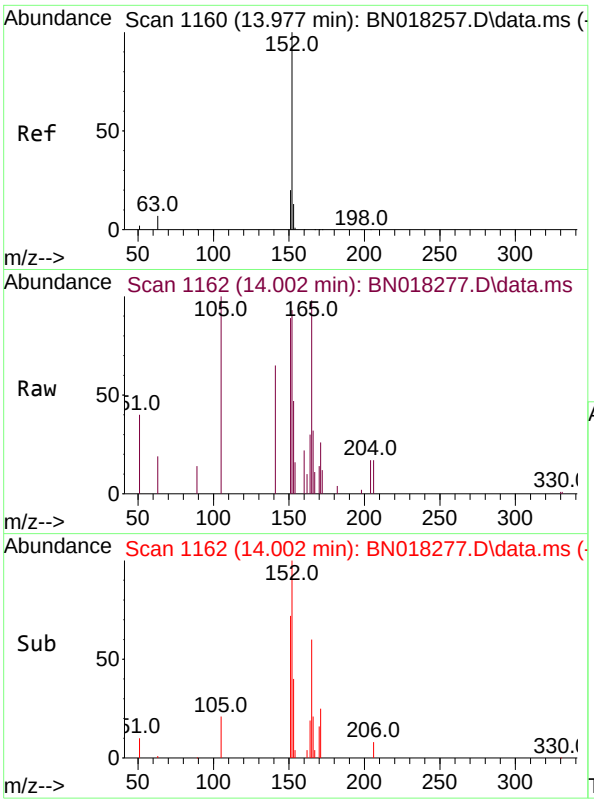


#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:172 Resp: 83570

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.4	41.0
170	21.3	18.4	27.6



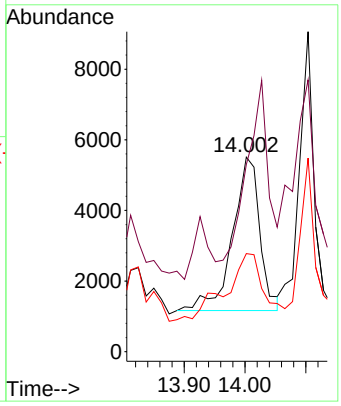


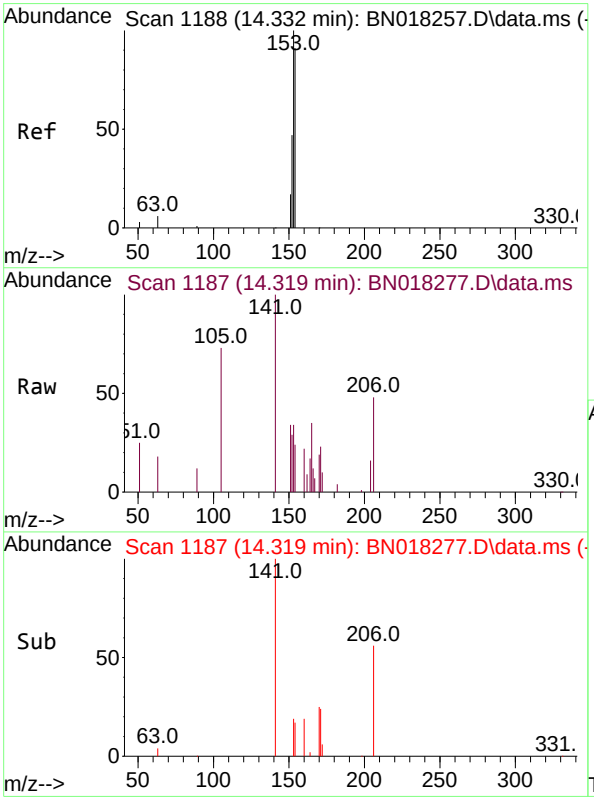
#16
Acenaphthylene
Concen: 0.058 ng
RT: 14.002 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13582

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.6#
153	59.1	10.5	15.7#

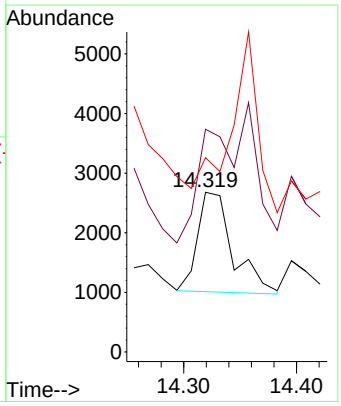


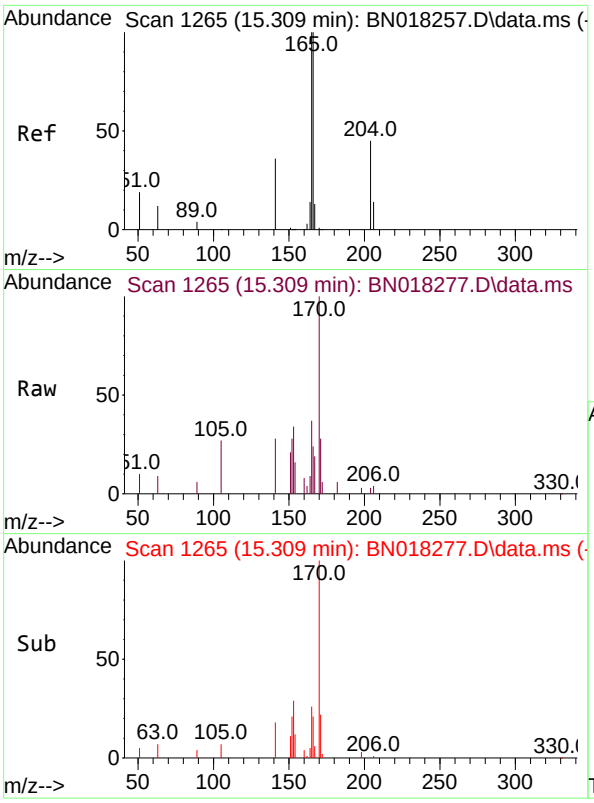


#17
Acenaphthene
Concen: 0.021 ng
RT: 14.319 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:154 Resp: 3632

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.9	136.3#
152	0.0	45.0	67.4#



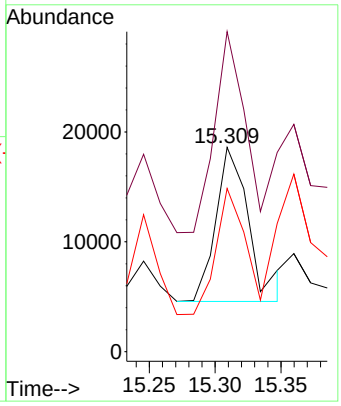


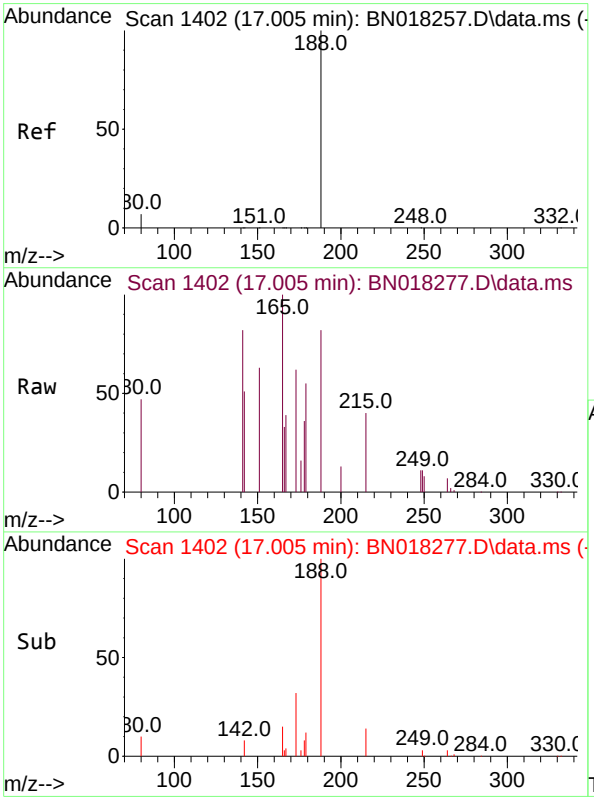
#18
Fluorene
Concen: 0.121 ng
RT: 15.309 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 24570

Ion	Ratio	Lower	Upper
166	100		
165	118.4	77.8	116.6#
167	72.9	10.9	16.3#

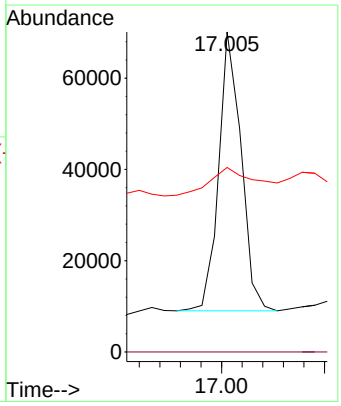


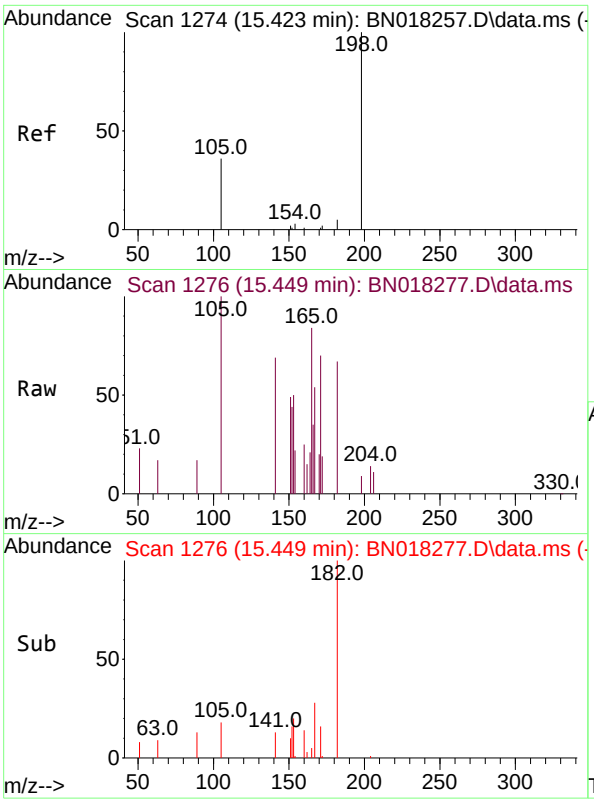


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:188 Resp: 92192

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	57.6	7.0	10.4#



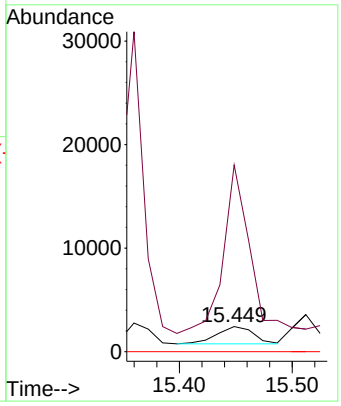


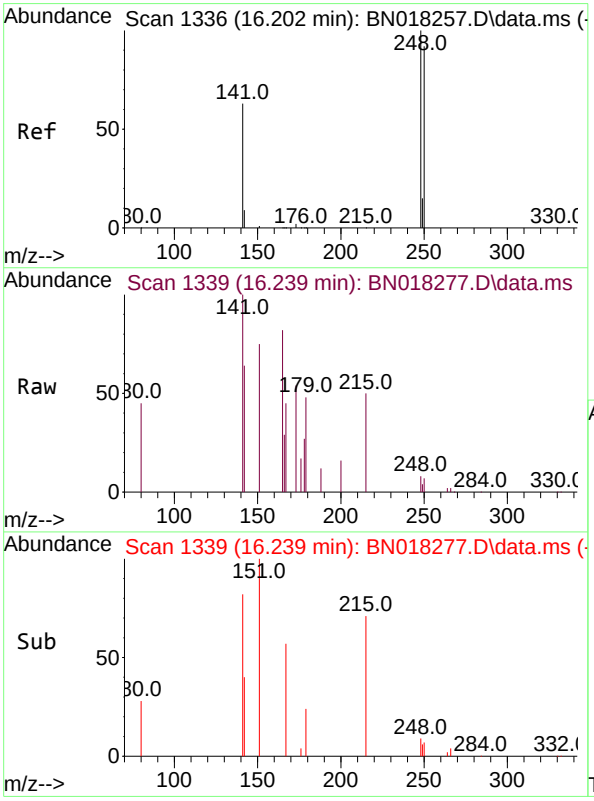
#20
4,6-Dinitro-2-methylphenol
Concen: 1.678 ng
RT: 15.449 min Scan# 1
Delta R.T. 0.026 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 3781

Ion	Ratio	Lower	Upper
198	100		
182	741.5	15.5	23.3#
77	0.0	0.0	0.0

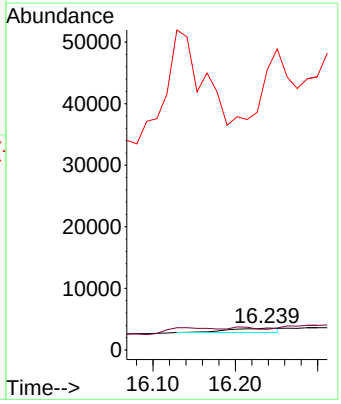


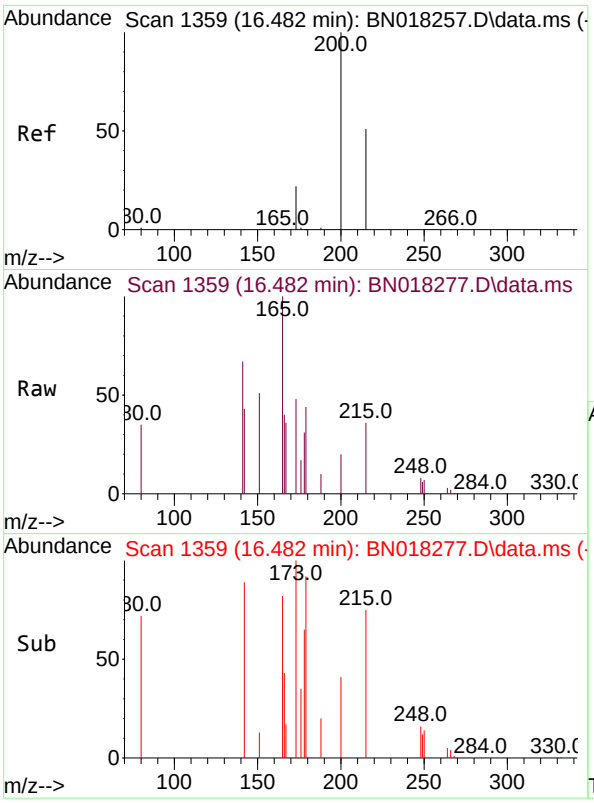


#21
4-Bromophenyl-phenylether
Concen: 0.053 ng
RT: 16.239 min Scan# 1339
Delta R.T. 0.036 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:248 Resp: 2967

Ion	Ratio	Lower	Upper
248	100		
250	93.6	74.4	111.6
141	1271.5	43.7	65.5#



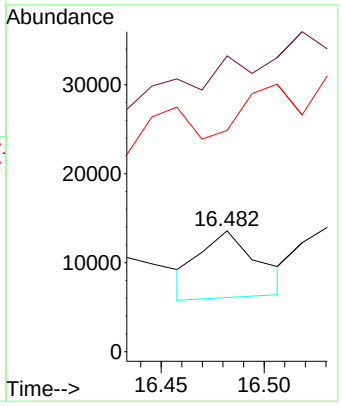


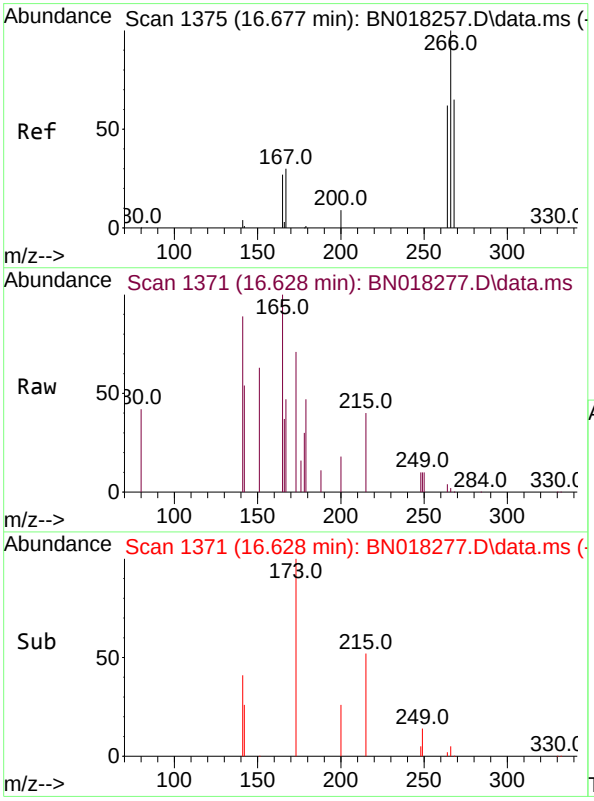
#23
Atrazine
Concen: 0.453 ng
RT: 16.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 14801

Ion	Ratio	Lower	Upper
200	100		
173	244.7	20.3	30.5#
215	183.1	40.4	60.6#

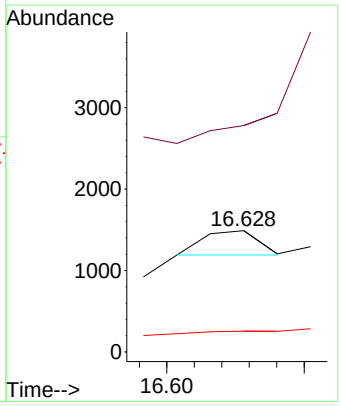


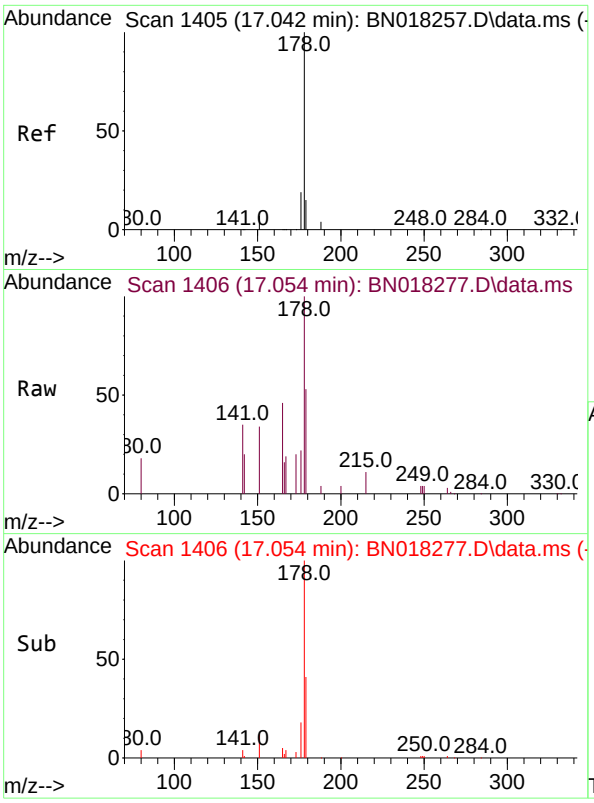


#24
Pentachlorophenol
Concen: 0.226 ng
RT: 16.628 min Scan# 1371
Delta R.T. -0.049 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:266 Resp: 418

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.5	74.3#
268	0.0	50.6	76.0#



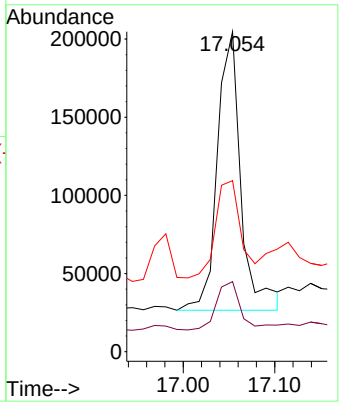


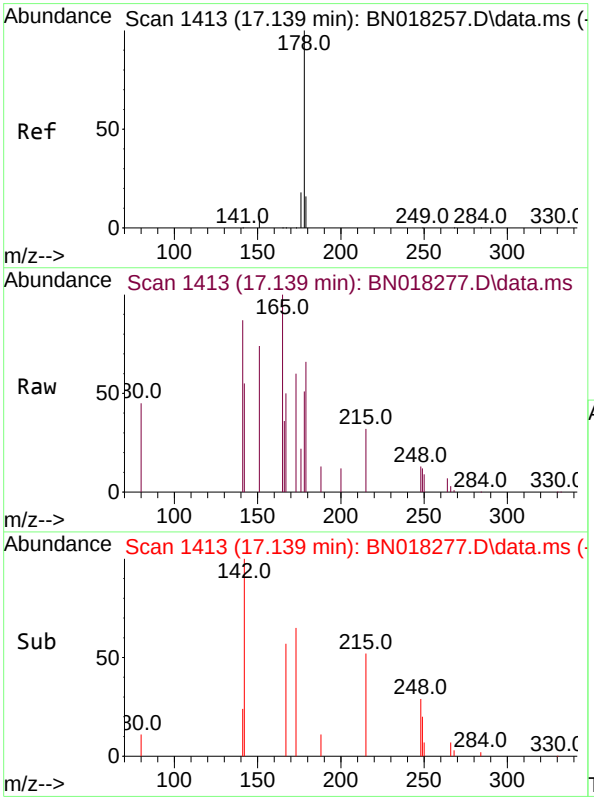
#25
Phenanthrene
Concen: 1.317 ng
RT: 17.054 min Scan# 14
Delta R.T. 0.012 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 319978

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	37.3	12.3	18.5#

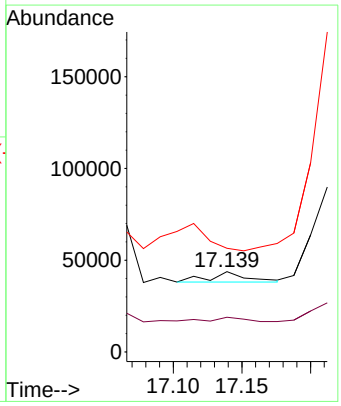


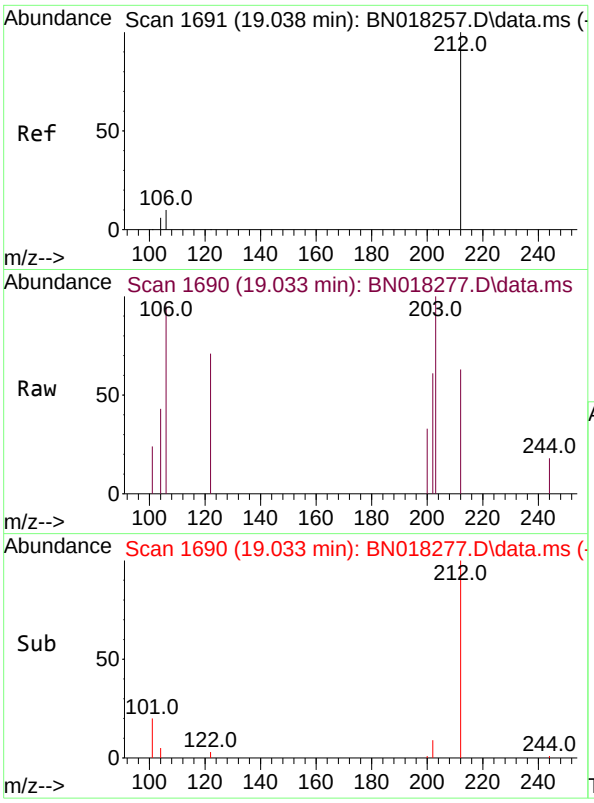


#26
Anthracene
Concen: 0.089 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:178 Resp: 10386

Ion	Ratio	Lower	Upper
178	100		
176	35.1	14.8	22.2#
179	0.0	12.2	18.4#



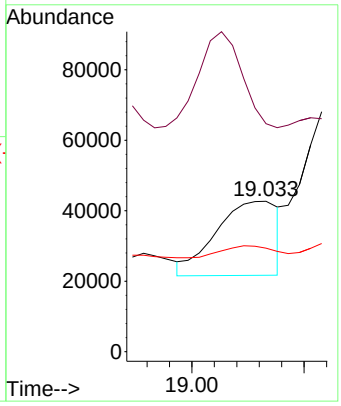


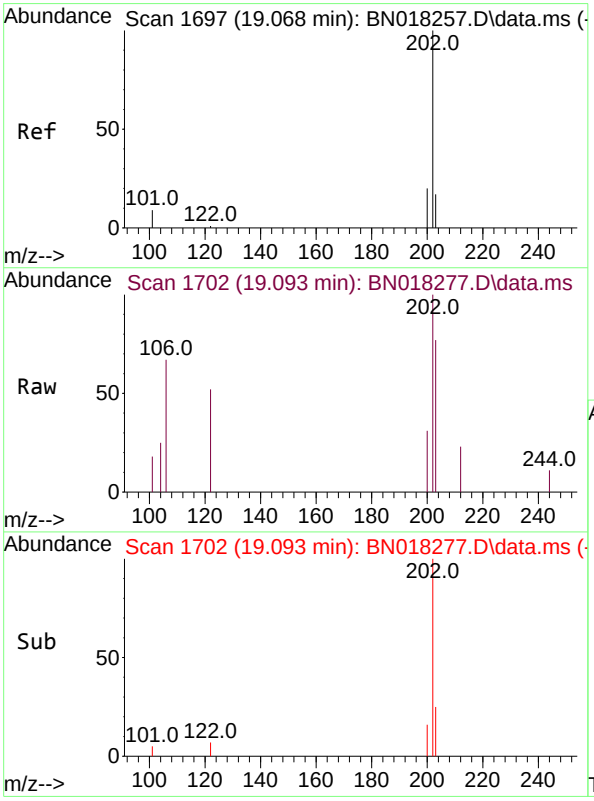
#27
Fluoranthene-d10
Concen: 0.137 ng
RT: 19.033 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 40274

Ion	Ratio	Lower	Upper
212	100		
106	90.8	8.4	12.6#
104	13.5	4.5	6.7#

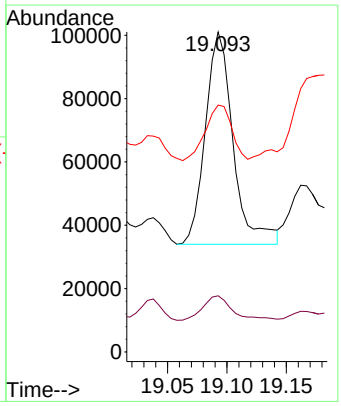


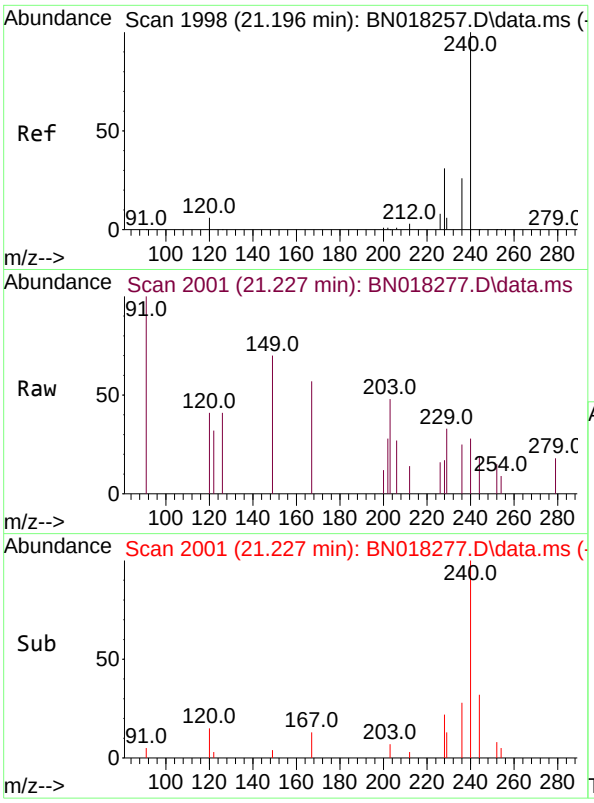


#28
Fluoranthene
Concen: 0.382 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.025 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:202 Resp: 108822

Ion	Ratio	Lower	Upper
202	100		
101	12.1	7.2	10.8#
203	24.6	13.7	20.5#



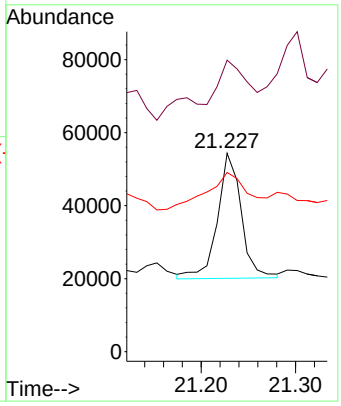


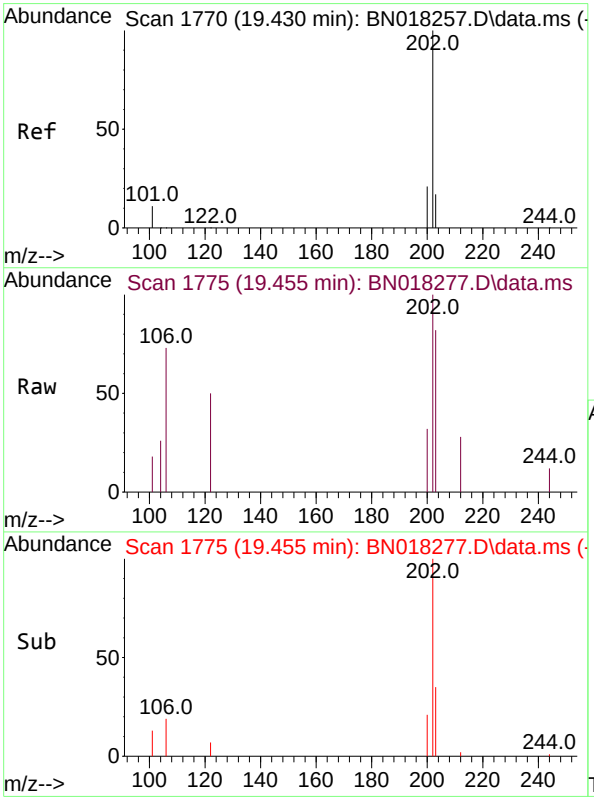
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2(
Delta R.T. 0.031 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 60231

Ion	Ratio	Lower	Upper
240	100		
120	146.9	6.0	9.0#
236	90.3	21.4	32.2#

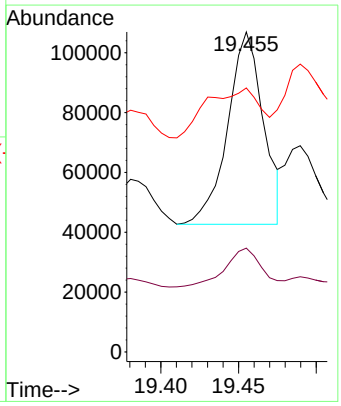


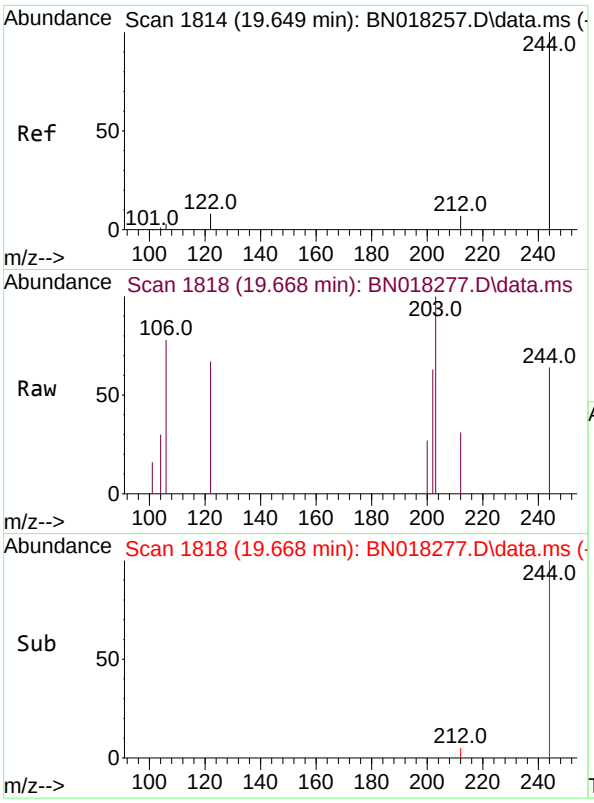


#30
Pyrene
Concen: 0.435 ng
RT: 19.455 min Scan# 1775
Delta R.T. 0.025 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:202 Resp: 102693

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	38.5	14.1	21.1#



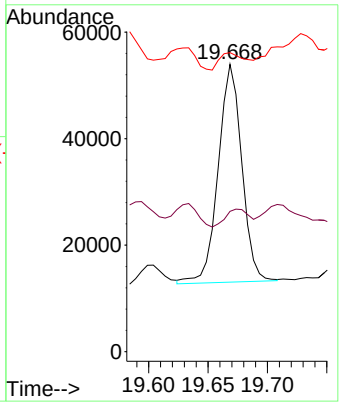


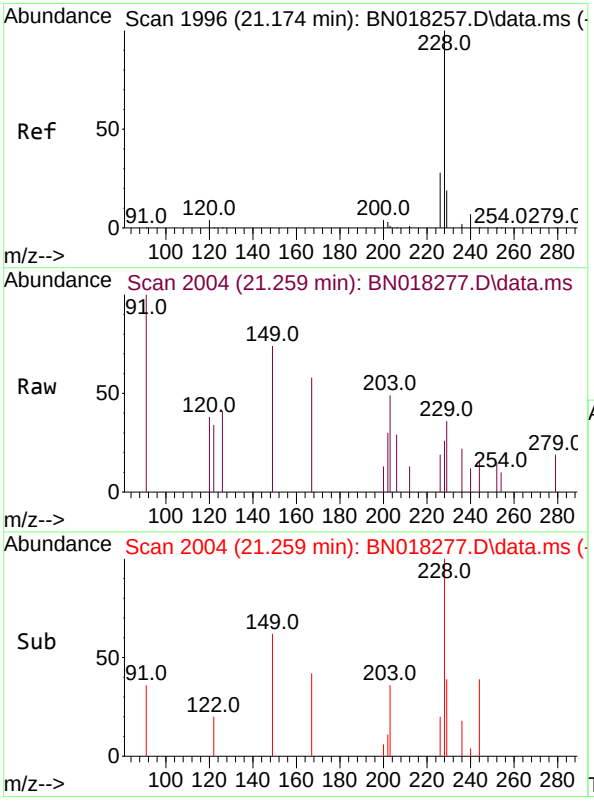
#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.668 min Scan# 1
Delta R.T. 0.020 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 56469

Ion	Ratio	Lower	Upper
244	100		
212	48.8	6.2	9.2#
122	104.1	7.9	11.9#

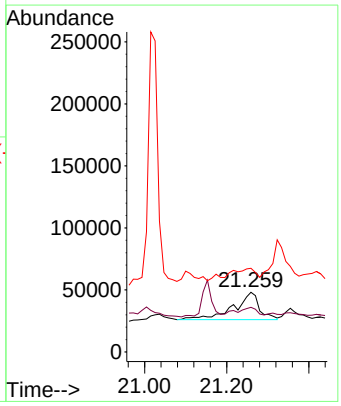


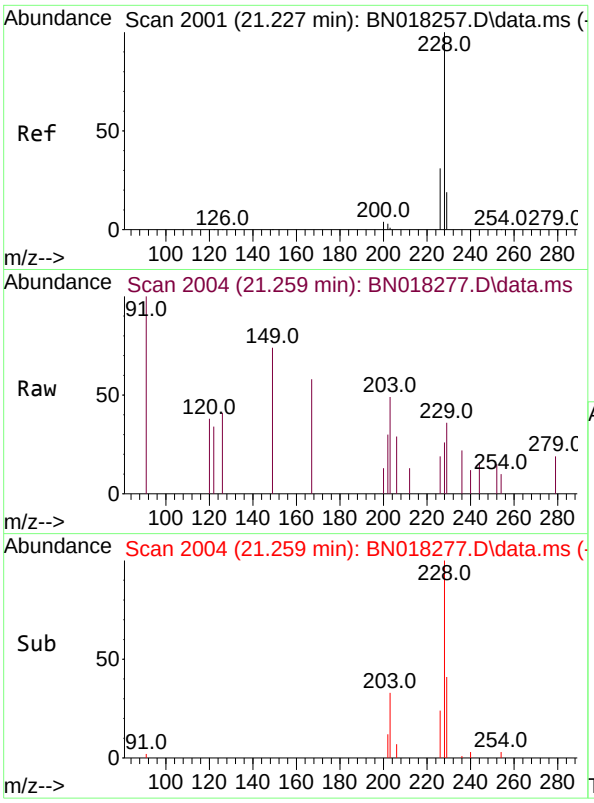


#32
Benzo(a)anthracene
Concen: 0.552 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.085 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:228 Resp: 96480

Ion	Ratio	Lower	Upper
228	100		
226	74.8	21.3	31.9#
229	140.5	15.9	23.9#



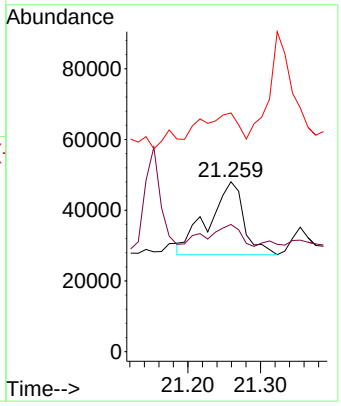


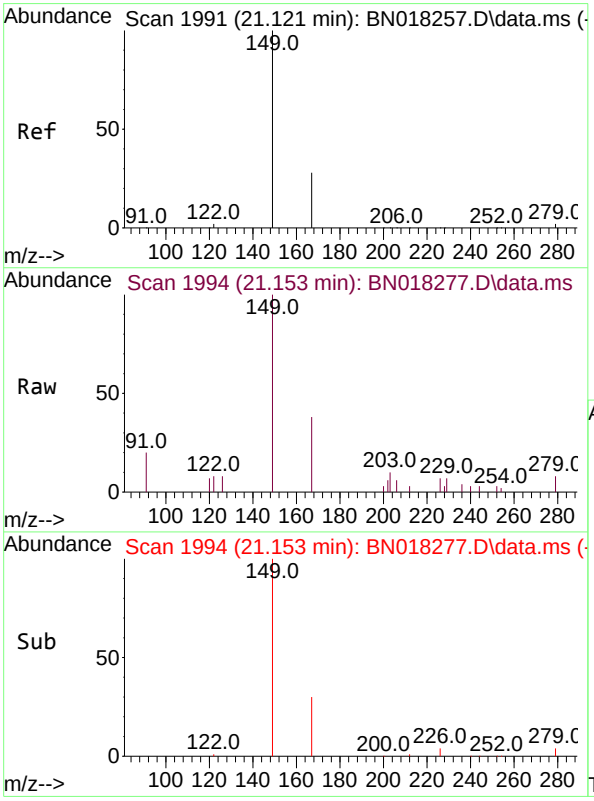
#33
Chrysene
Concen: 0.359 ng
RT: 21.259 min Scan# 2
Delta R.T. 0.032 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 69659

Ion	Ratio	Lower	Upper
228	100		
226	74.8	24.2	36.4#
229	140.5	15.5	23.3#

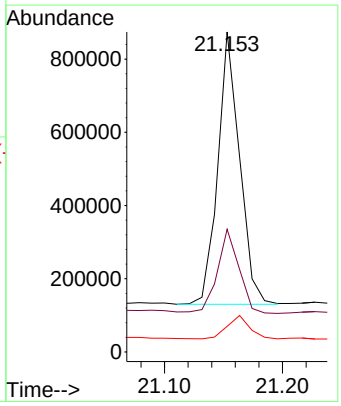


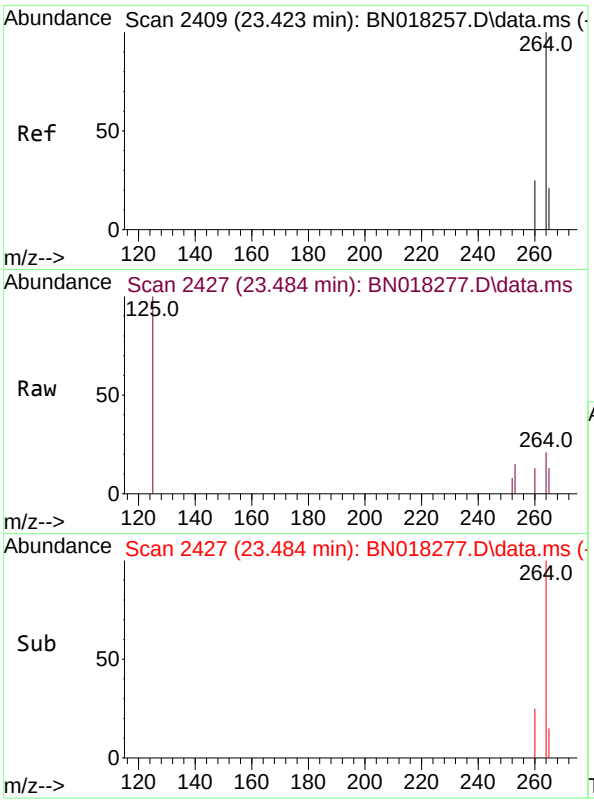


#34
Bis(2-ethylhexyl)phthalate
Concen: 12.677 ng
RT: 21.153 min Scan# 1994
Delta R.T. 0.032 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:149 Resp: 953081

Ion	Ratio	Lower	Upper
149	100		
167	30.7	23.7	35.5
279	8.7	3.6	5.4#



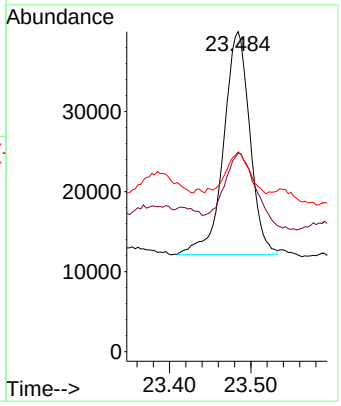


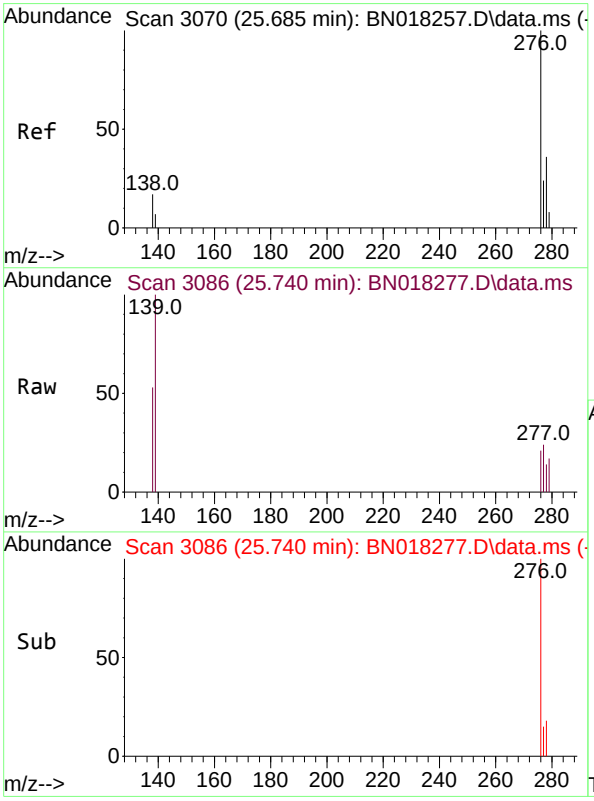
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 24
Delta R.T. 0.061 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 62228

Ion	Ratio	Lower	Upper
264	100		
260	62.1	20.2	30.4#
265	62.4	18.2	27.2#

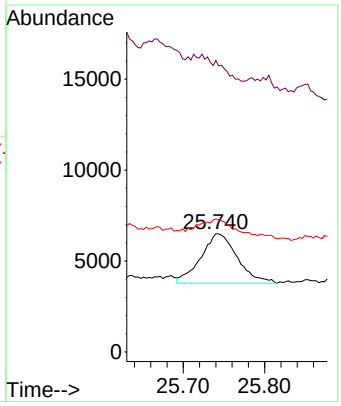


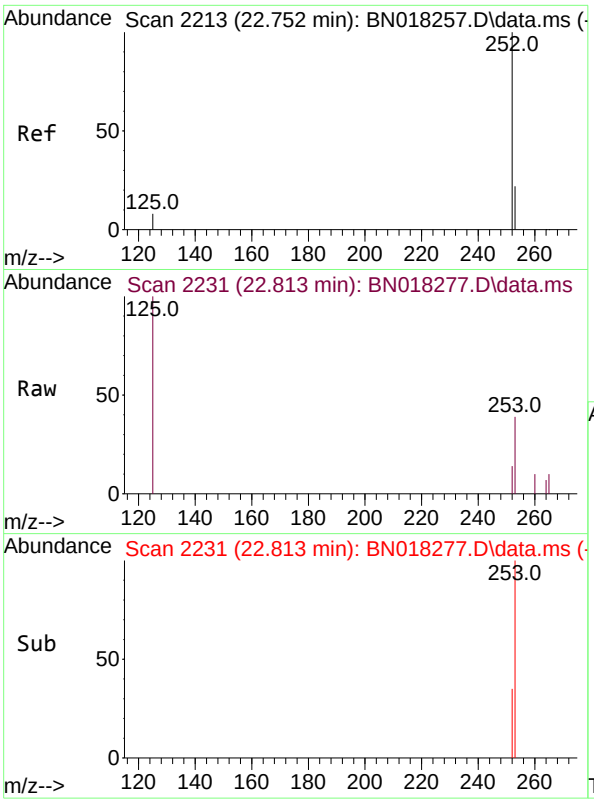


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 25.740 min Scan# 3086
Delta R.T. 0.055 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:276 Resp: 8463

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.9	22.3#
277	28.5	19.9	29.9



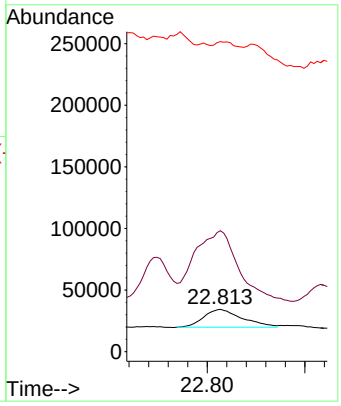


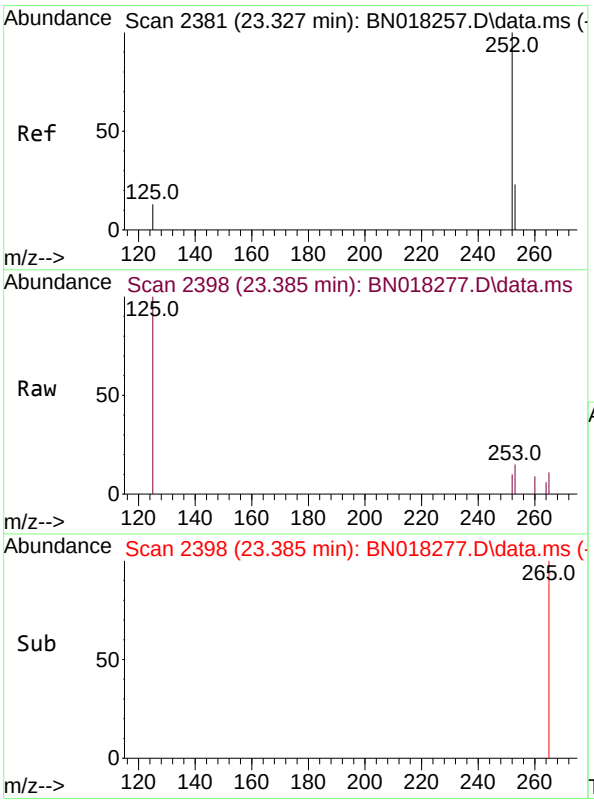
#37
Benzo(b)fluoranthene
Concen: 0.201 ng
RT: 22.813 min Scan# 2
Delta R.T. 0.061 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 39677

Ion	Ratio	Lower	Upper
252	100		
253	285.2	17.8	26.6#
125	731.2	6.0	9.0#

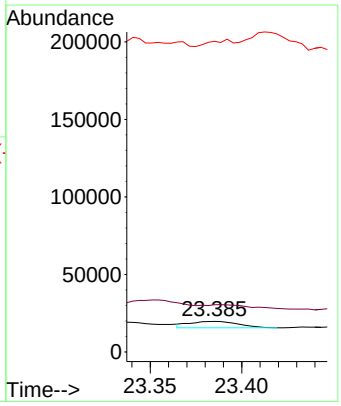


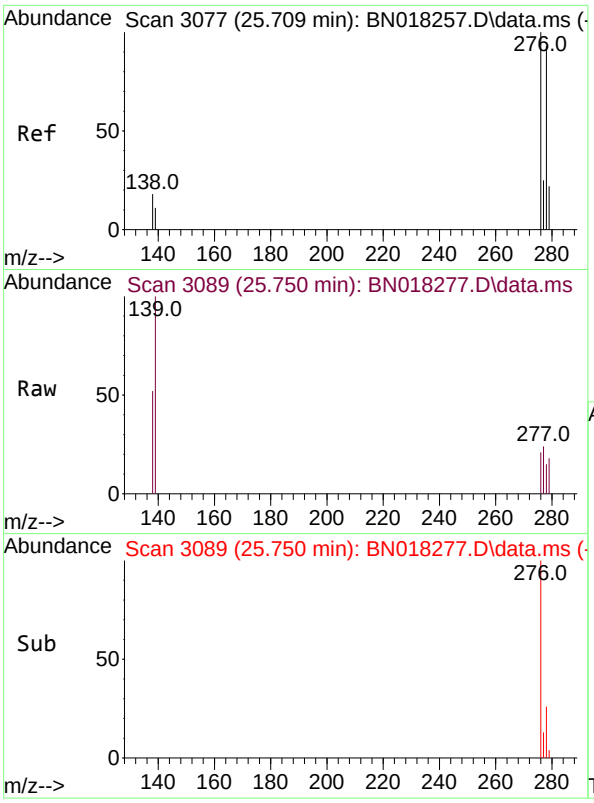


#39
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.385 min Scan# 2398
Delta R.T. 0.058 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:252 Resp: 7755

Ion	Ratio	Lower	Upper
252	100		
253	154.1	17.8	26.6#
125	1014.4	7.0	10.4#



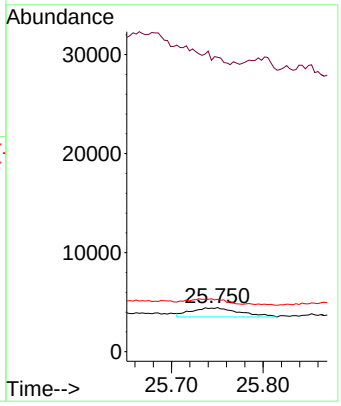


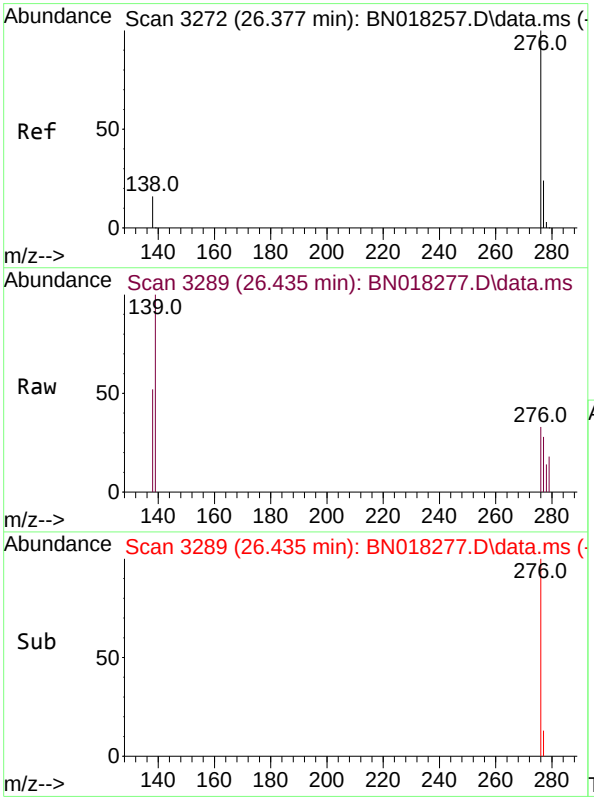
#40
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 25.750 min Scan# 3
Delta R.T. 0.041 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 3390

Ion	Ratio	Lower	Upper
278	100		
139	665.5	10.8	16.2#
279	118.2	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.083 ng
RT: 26.435 min Scan# 3289
Delta R.T. 0.058 min
Lab File: BN018277.D
Acq: 30 Dec 2021 02:02

Tgt Ion:276 Resp: 12289

Ion	Ratio	Lower	Upper
276	100		
277	84.9	19.0	28.6#
138	157.4	12.6	19.0#