Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018486.D
Acq On : 27 Jan 2022 12:40
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jan 28 02:37:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 28 02:35:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	28432	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	121747	0.400	ng		# 0.00
13) Acenaphthene-d10	14.560	164	66278	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	123142	0.400	ng		0.00
29) Chrysene-d12	21.471	240	120139	0.400	ng		0.00
35) Perylene-d12	23.874	264	107537	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	27777	0.394	ng		0.00
5) Phenol-d6	7.080	99	29848	0.389	ng		0.00
8) Nitrobenzene-d5	9.088	82	28981	0.413	ng		0.00
11) 2-Methylnaphthalene-d10	12.327	152	75996	0.372	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	8037	0.402	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	103099	0.434	ng		0.00
27) Fluoranthene-d10	19.326	212	138621	0.373	ng		0.00
31) Terphenyl-d14	19.916	244	117084	0.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	8003	0.539	ng	#	60
3) n-Nitrosodimethylamine	3.705	42	11277	0.482	ng		98
6) bis(2-Chloroethyl)ether	7.356	93	33438	0.432	ng		99
9) Naphthalene	10.787	128	124017	0.419	ng		100
10) Hexachlorobutadiene	11.091	225	25224	0.431	ng	#	100
12) 2-Methylnaphthalene	12.398	142	84209	0.408	ng		99
16) Acenaphthylene	14.281	152	103512	0.422	ng		99
17) Acenaphthene	14.624	154	72093	0.412	ng		98
18) Fluorene	15.601	166	89644	0.426	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	2165	0.421	ng	#	89
21) 4-Bromophenyl-phenylether	16.494	248	28076	0.425	ng	#	85
22) Hexachlorobenzene	16.616	284	32441	0.444	ng	#	93
23) Atrazine	16.749	200	16128	0.365	ng		97
24) Pentachlorophenol	16.944	266	5734	0.244	ng		98
25) Phenanthrene	17.334	178	140712	0.430	ng		100
26) Anthracene	17.431	178	113025	0.409	ng		99
28) Fluoranthene	19.350	202	157758	0.442	ng	#	98
30) Pyrene	19.713	202	156276	0.305	ng		100
32) Benzo(a)anthracene	21.450	228	146437	0.385	ng		98
33) Chrysene	21.503	228	156596	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.386	149	54779	0.183	ng		97
36) Indeno(1,2,3-cd)pyrene	26.370	276	142299	0.744	ng	#	94
37) Benzo(b)fluoranthene	23.142	252	142891	0.369	ng	#	98
38) Benzo(k)fluoranthene	23.190	252	140712	0.413	ng	#	98
39) Benzo(a)pyrene	23.765	252	107955	0.381	ng	#	98
40) Dibenzo(a,h)anthracene	26.383	278	110224	0.874	ng	#	97
41) Benzo(g,h,i)perylene	27.129	276	125117	0.643	ng	#	95

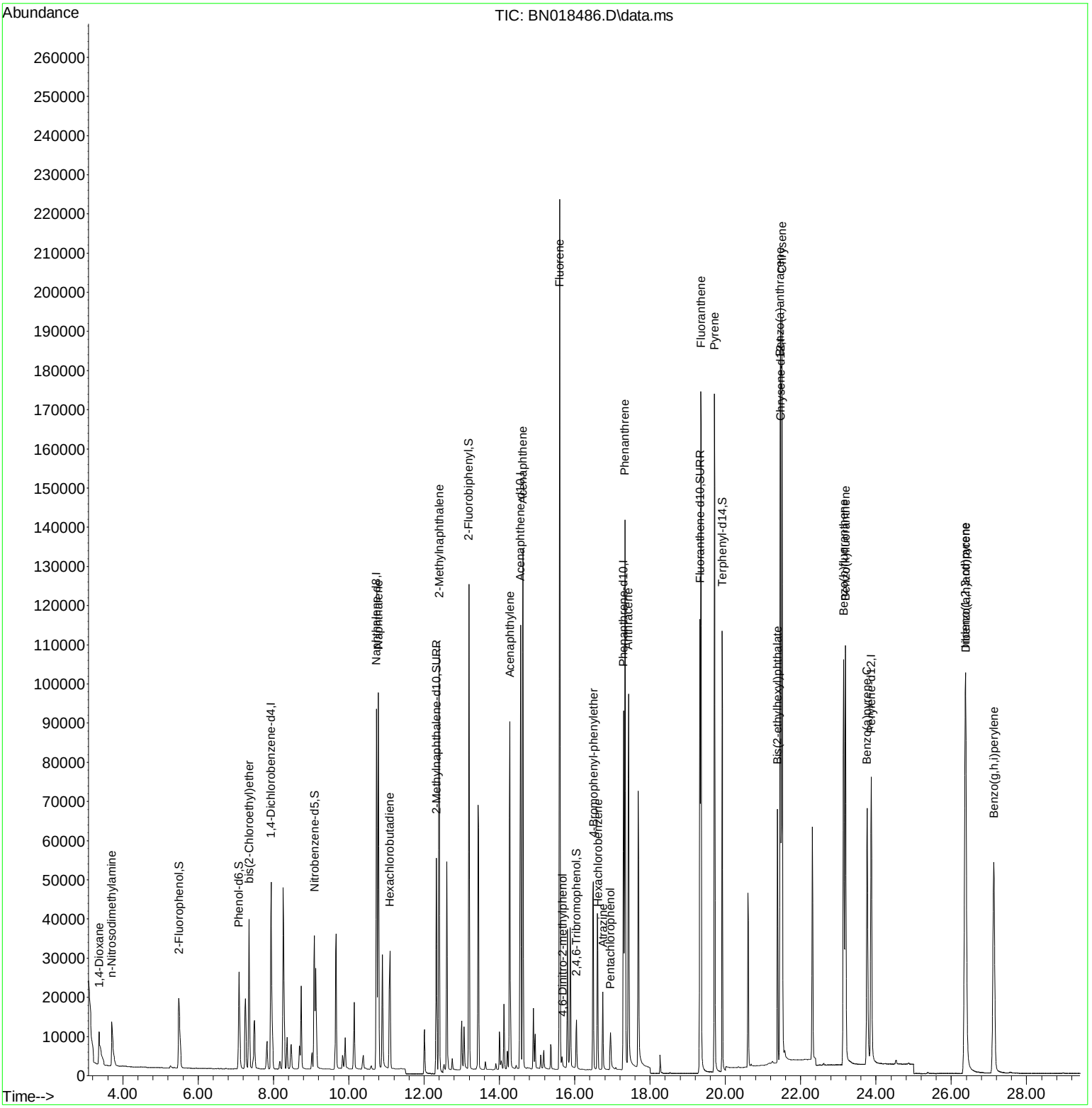
(#) = qualifier out of range (m) = manual integration (+) = signals summed

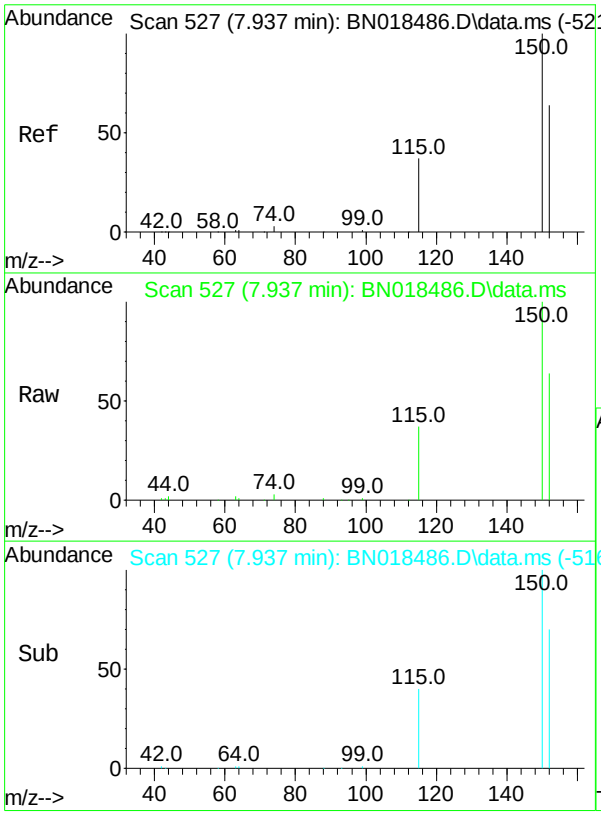
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018486.D
Acq On : 27 Jan 2022 12:40
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jan 28 02:37:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 28 02:35:57 2022
Response via : Initial Calibration



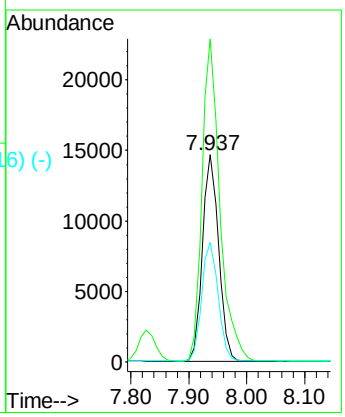


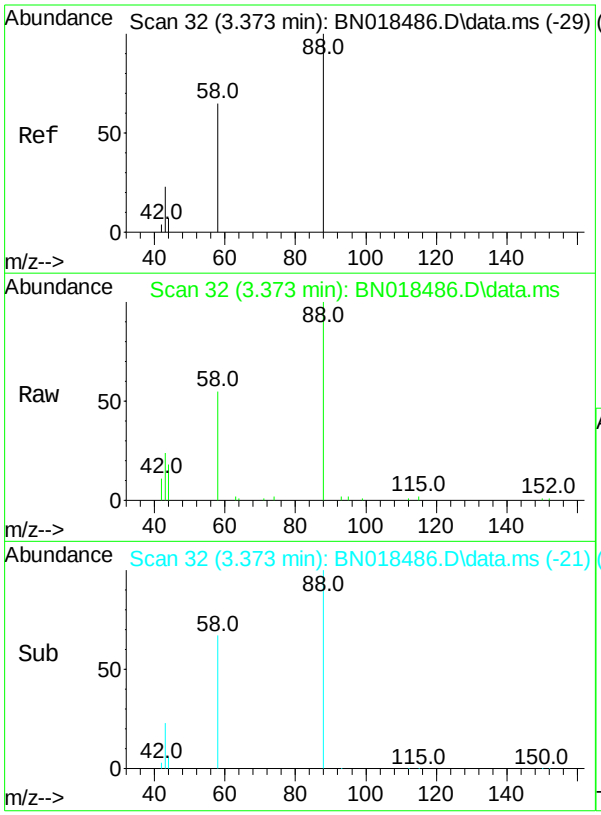
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 28432

Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.7	182.5
115	57.8	43.8	65.8

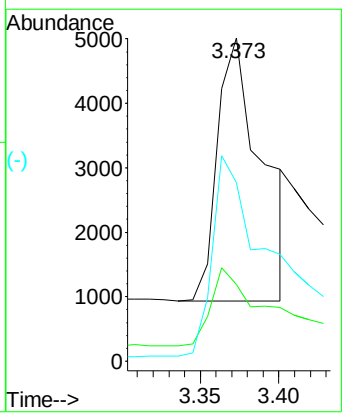


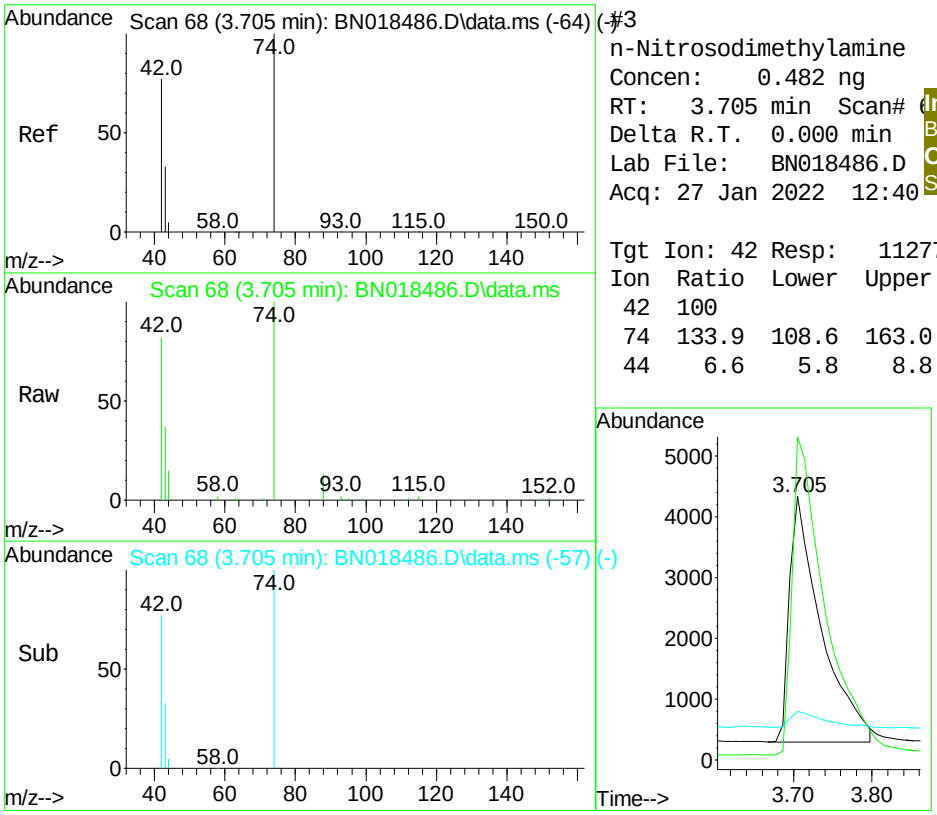


#2
1,4-Dioxane
Concen: 0.539 ng
RT: 3.373 min Scan# 32
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion: 88 Resp: 8003

Ion	Ratio	Lower	Upper
88	100		
43	31.1	69.7	104.5#
58	80.9	83.8	125.8#



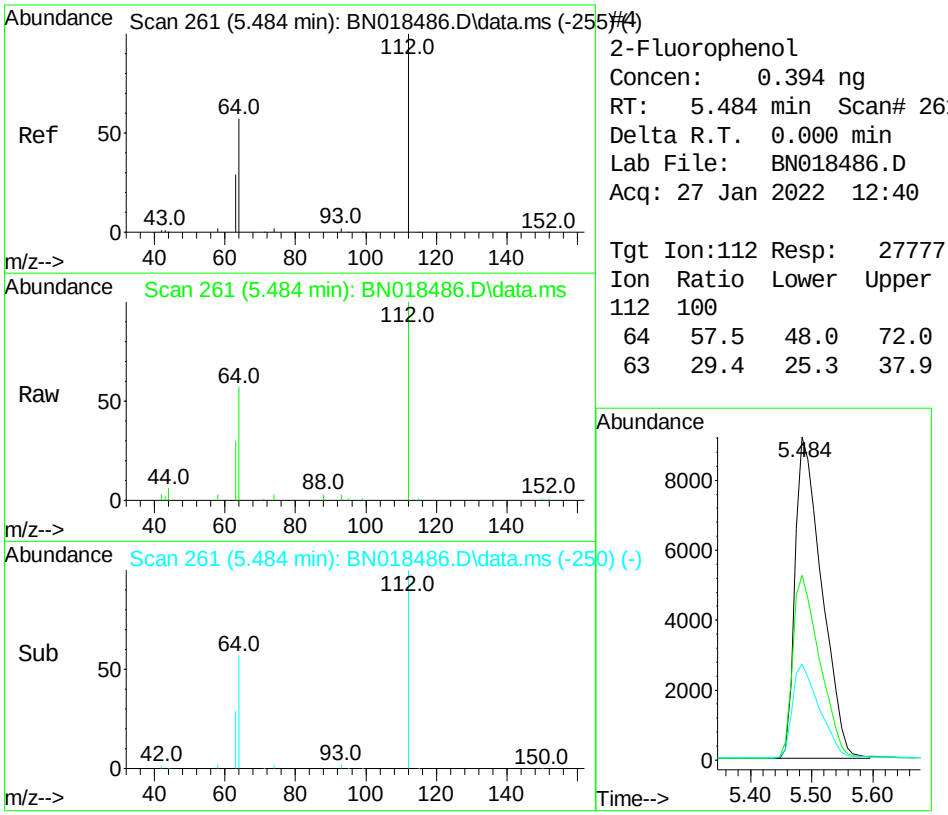


#3
n-Nitrosodimethylamine
Concen: 0.482 ng
RT: 3.705 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 11277

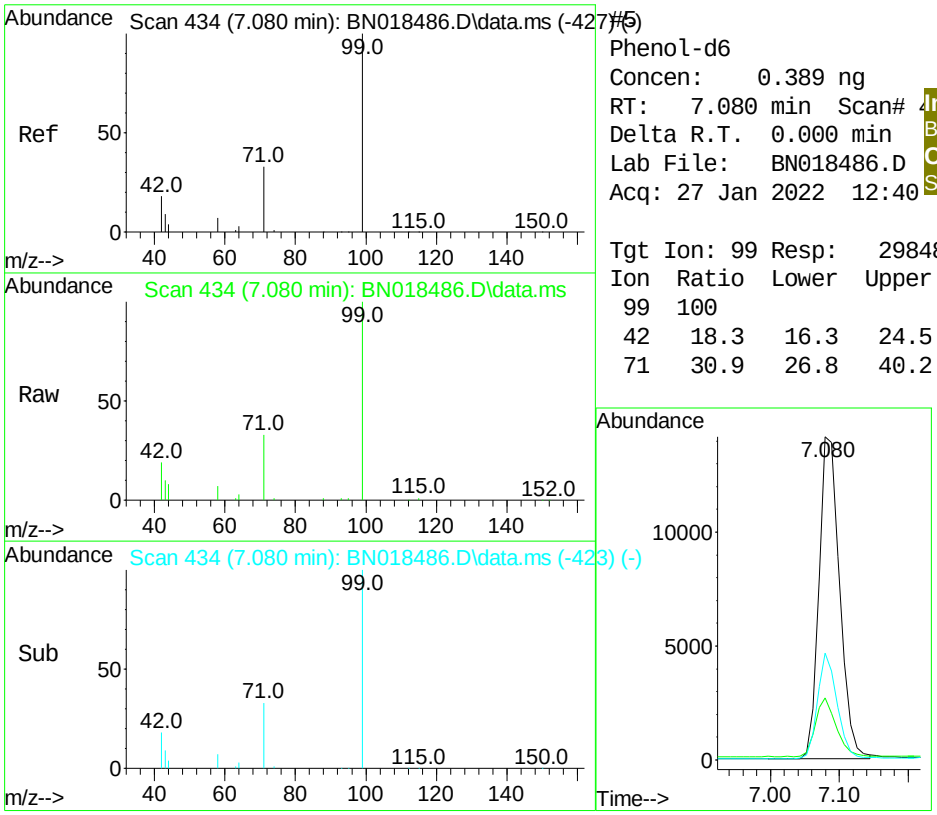
Ion	Ratio	Lower	Upper
42	100		
74	133.9	108.6	163.0
44	6.6	5.8	8.8



#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.484 min Scan# 261
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:112 Resp: 27777

Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.0	72.0
63	29.4	25.3	37.9

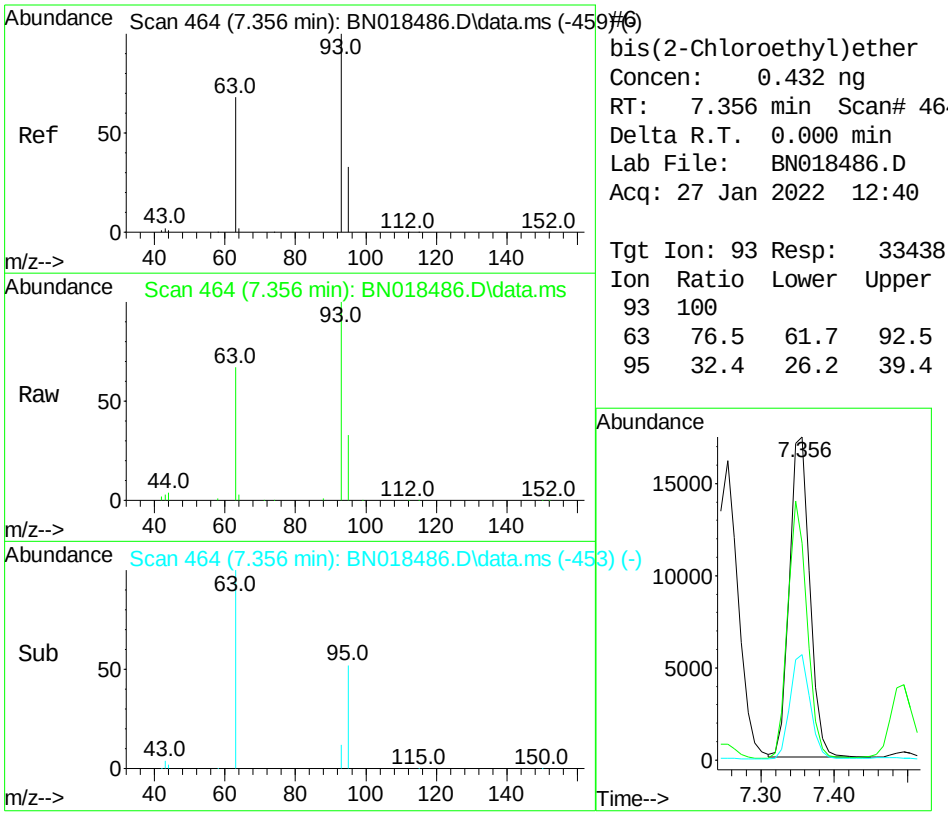


#5
Phenol-d6
Concen: 0.389 ng
RT: 7.080 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 29848

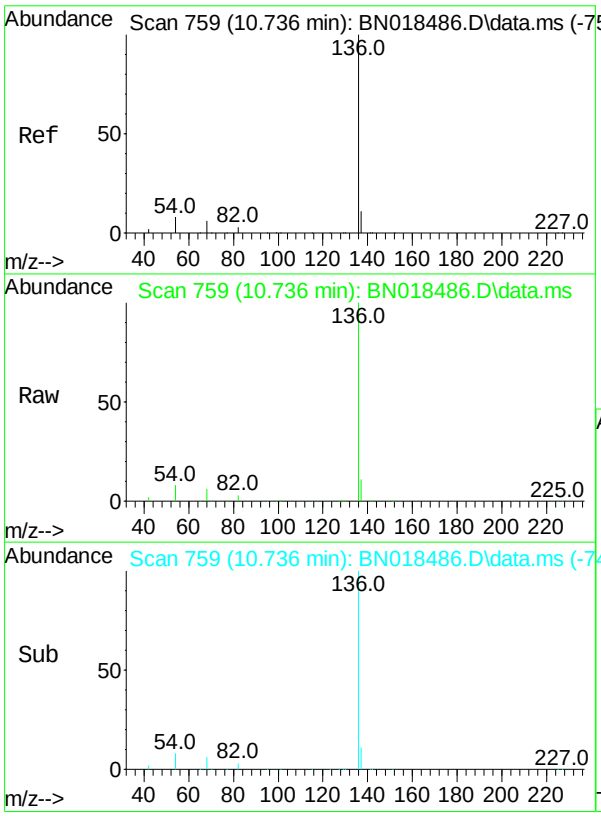
Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	30.9	26.8	40.2



#6
bis(2-Chloroethyl)ether
Concen: 0.432 ng
RT: 7.356 min Scan# 464
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion: 93 Resp: 33438

Ion	Ratio	Lower	Upper
93	100		
63	76.5	61.7	92.5
95	32.4	26.2	39.4

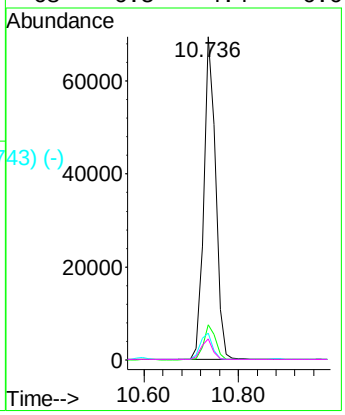


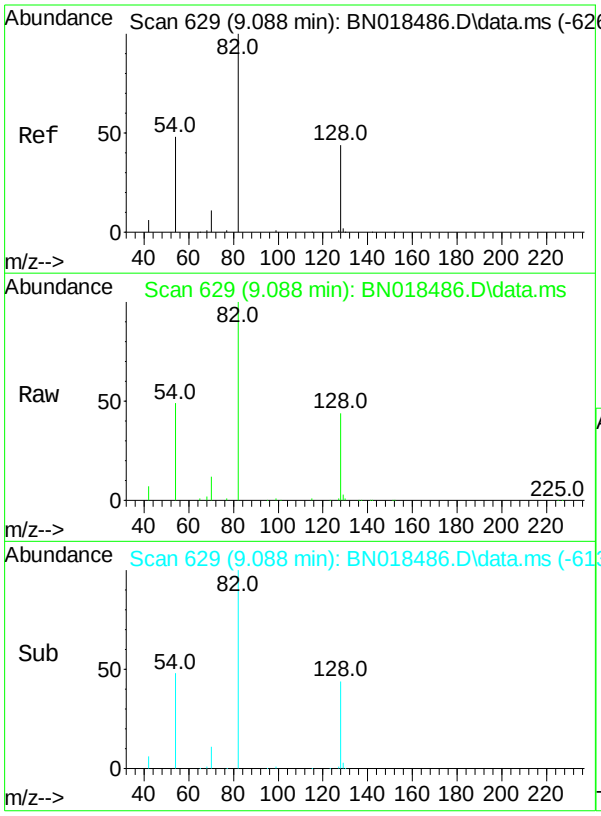
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.736 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 121747

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	5.0	7.6#
68	6.5	4.4	6.6

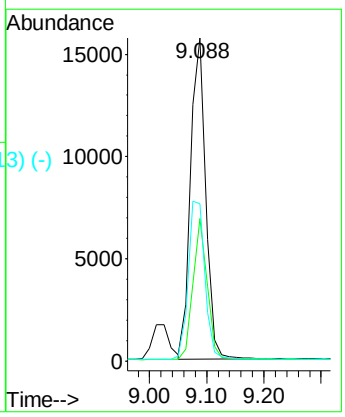


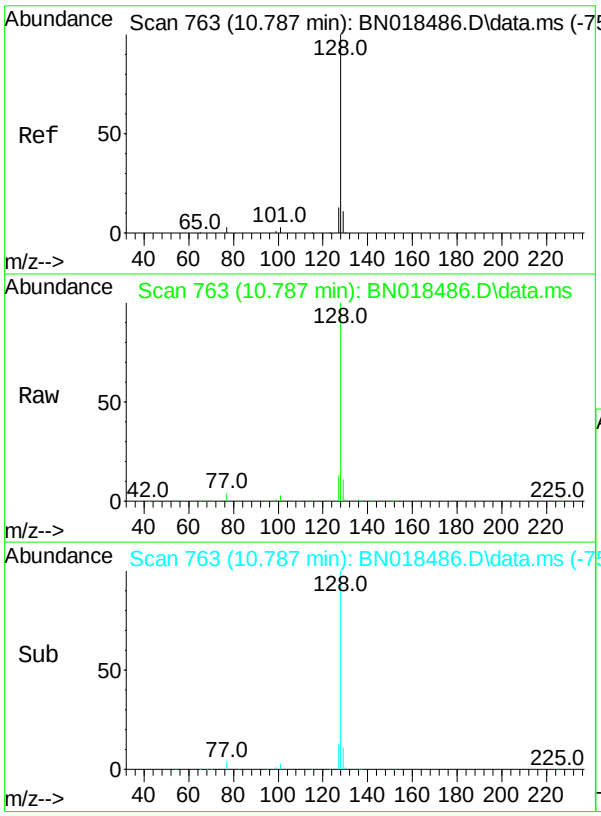


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 9.088 min Scan# 629
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion: 82 Resp: 28981

Ion	Ratio	Lower	Upper
82	100		
128	44.1	33.7	50.5
54	48.8	36.6	55.0



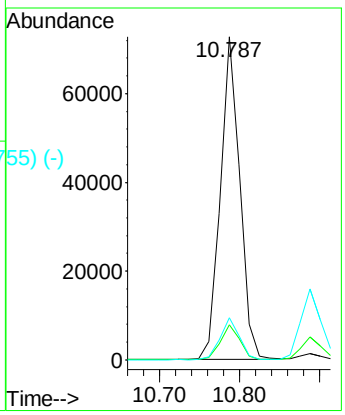


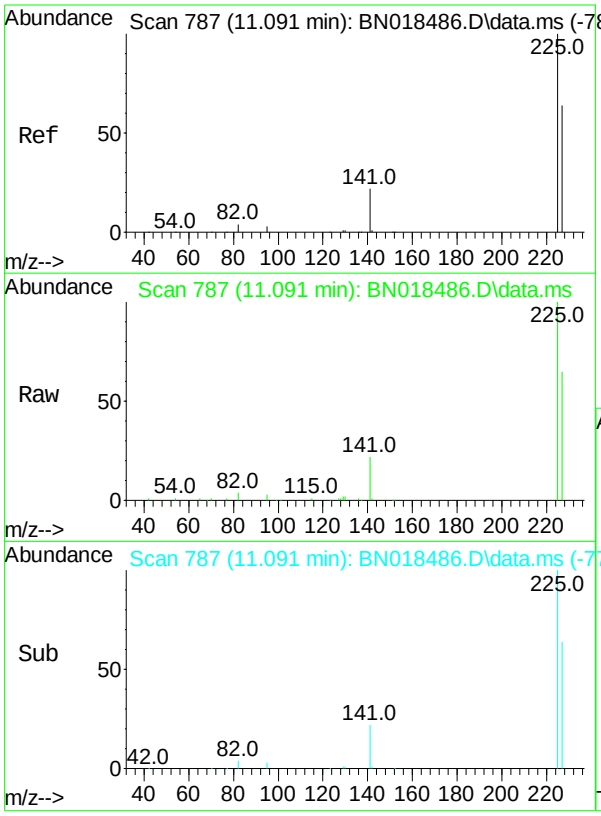
#9
Naphthalene
Concen: 0.419 ng
RT: 10.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 124017

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.4	15.6

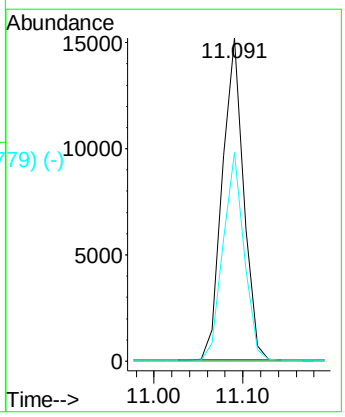


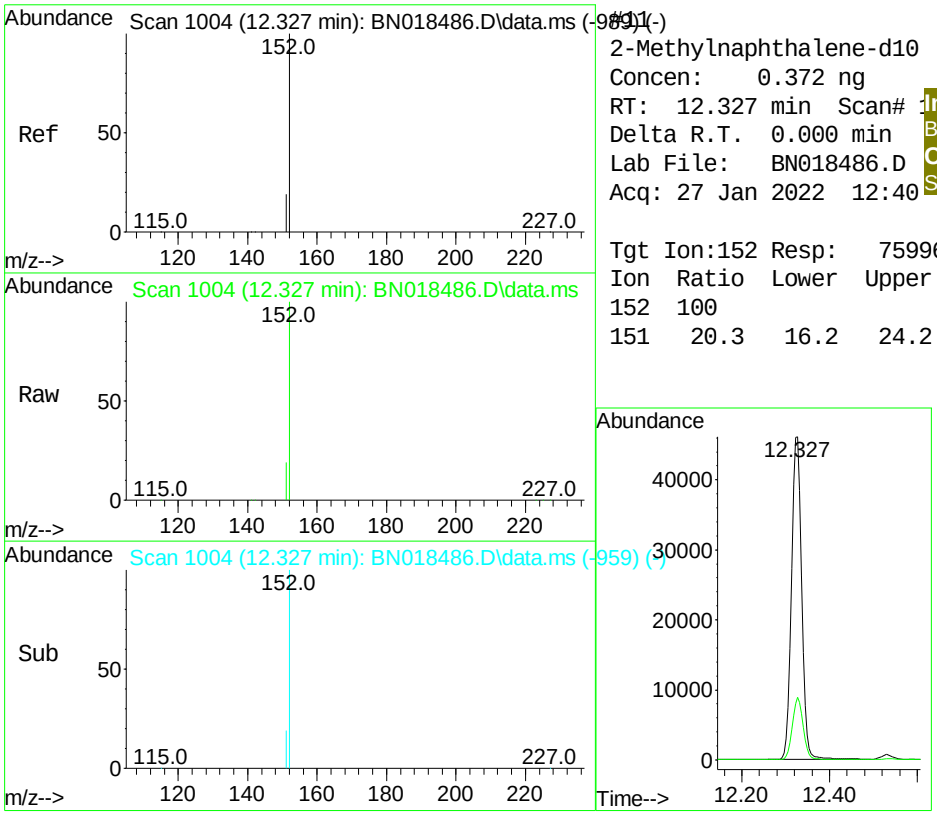


#10
Hexachlorobutadiene
Concen: 0.431 ng
RT: 11.091 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:225 Resp: 25224

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6



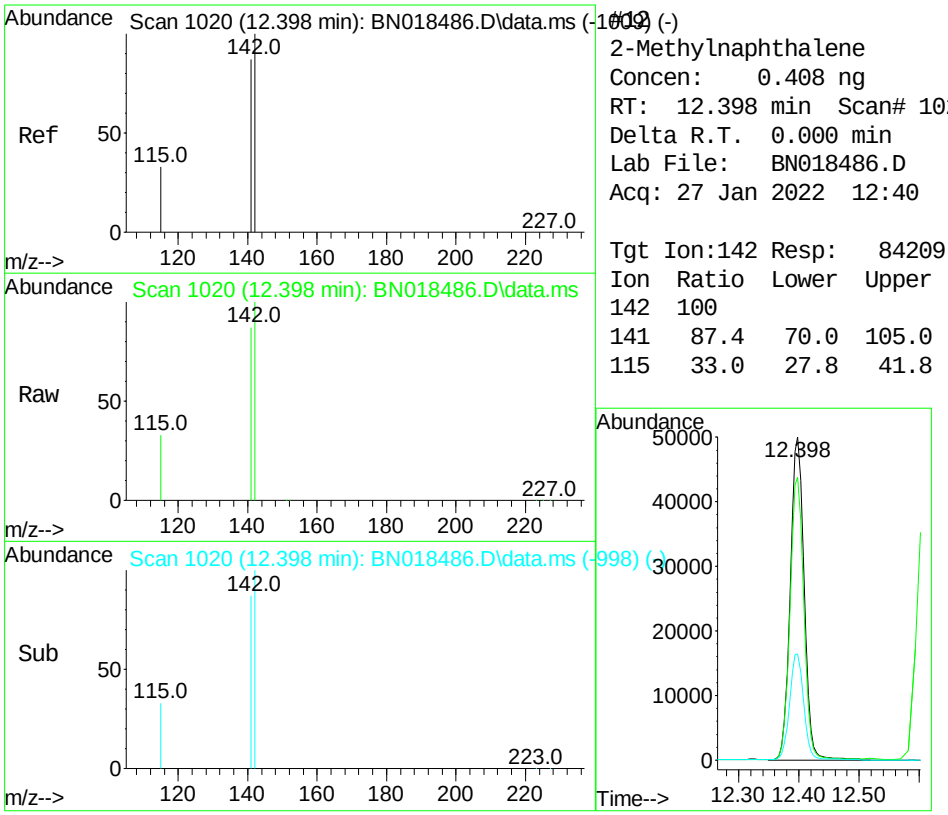


#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 75996

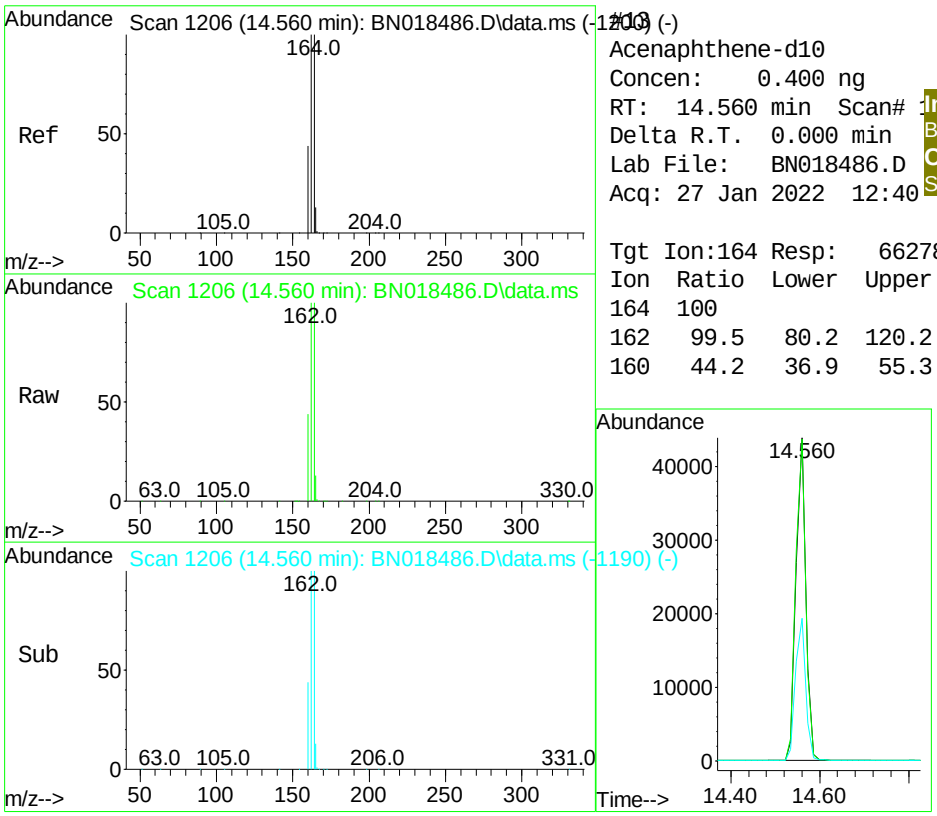
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



#12
2-Methylnaphthalene
Concen: 0.408 ng
RT: 12.398 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:142 Resp: 84209

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.0	105.0
115	33.0	27.8	41.8

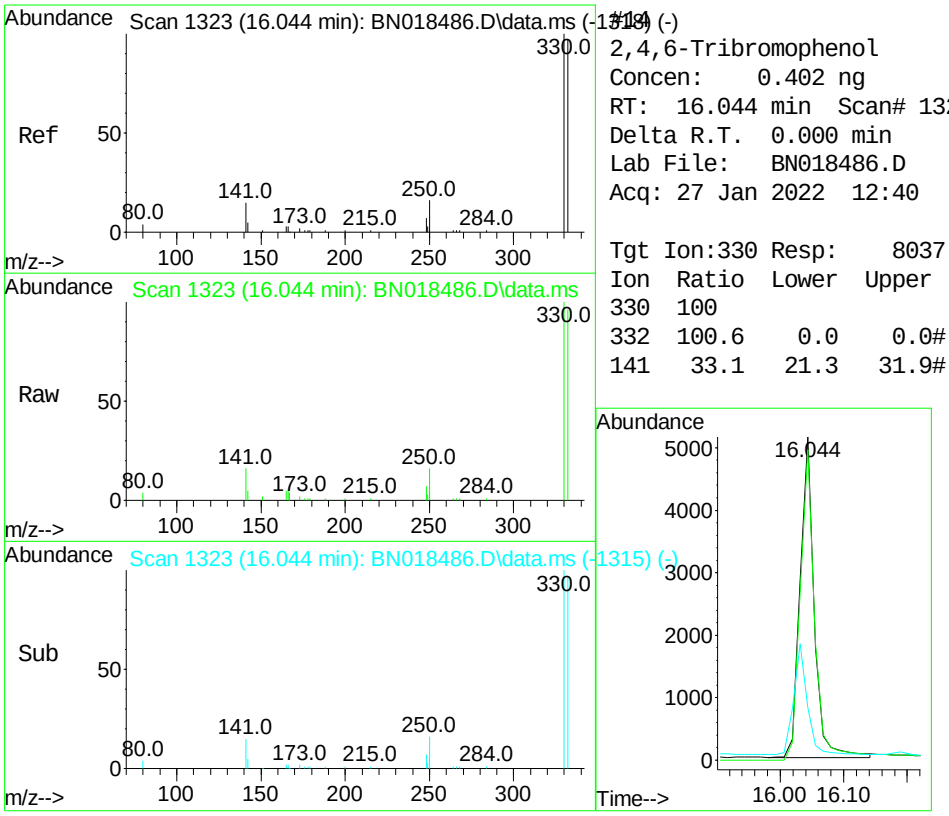


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 66278

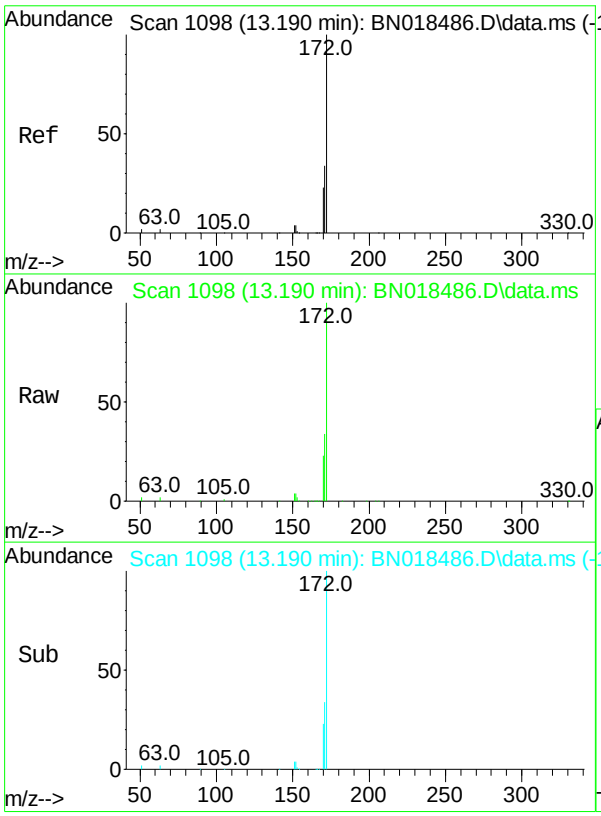
Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	44.2	36.9	55.3



#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:330 Resp: 8037

Ion	Ratio	Lower	Upper
330	100		
332	100.6	0.0	0.0#
141	33.1	21.3	31.9#

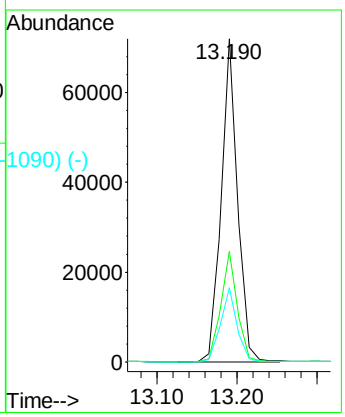


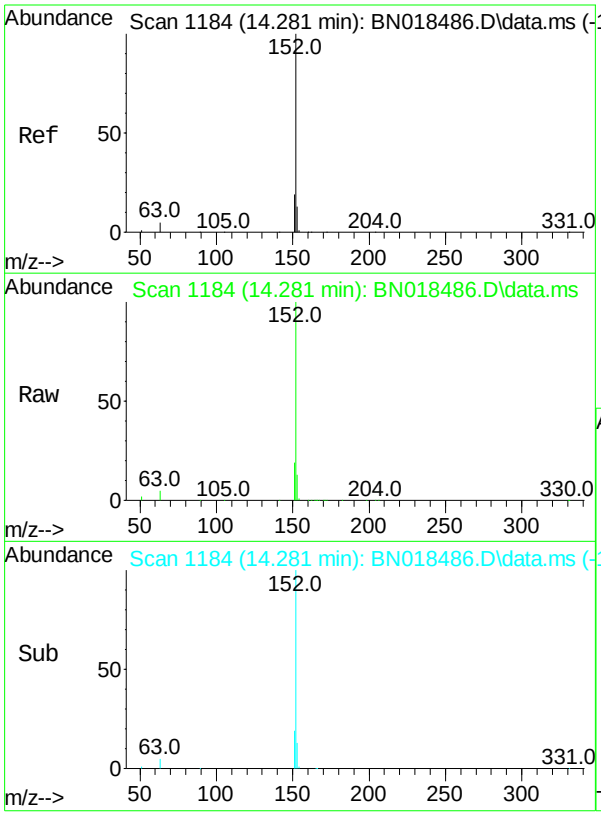
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 103099

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.9	18.4	27.6

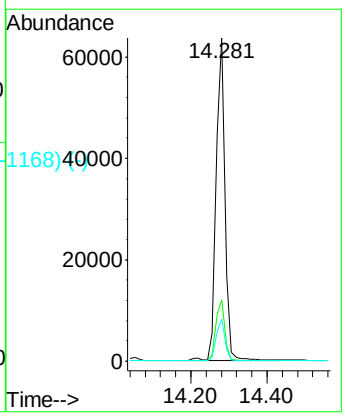


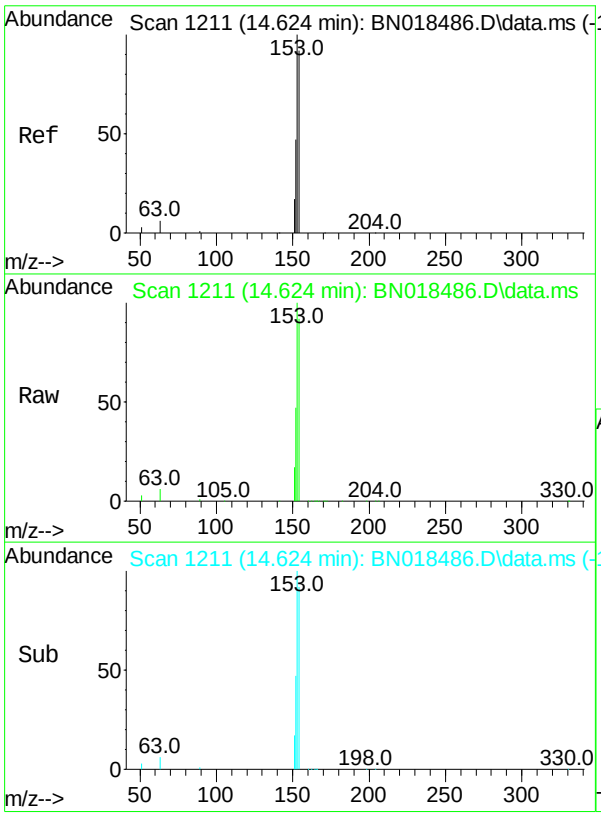


#16
Acenaphthylene
Concen: 0.422 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:152 Resp: 103512

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	12.9	10.5	15.7



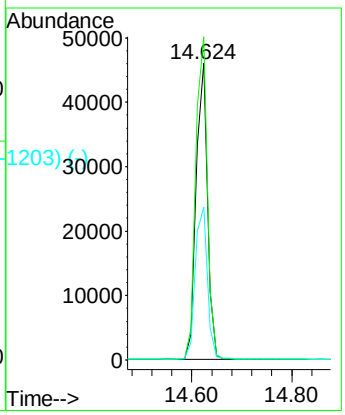


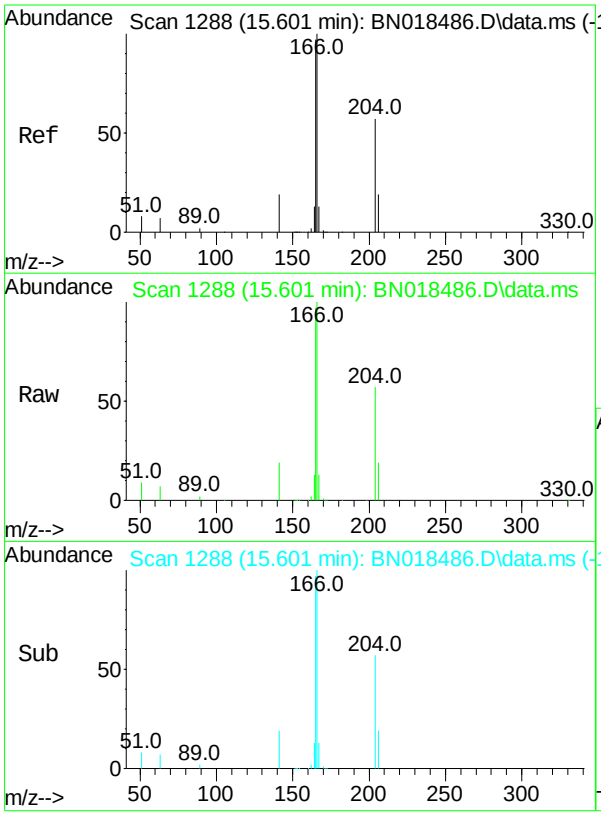
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 72093

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.9	136.3
152	54.5	45.0	67.4

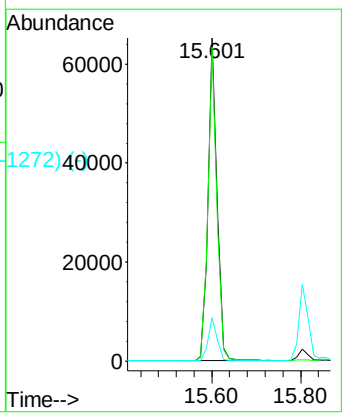


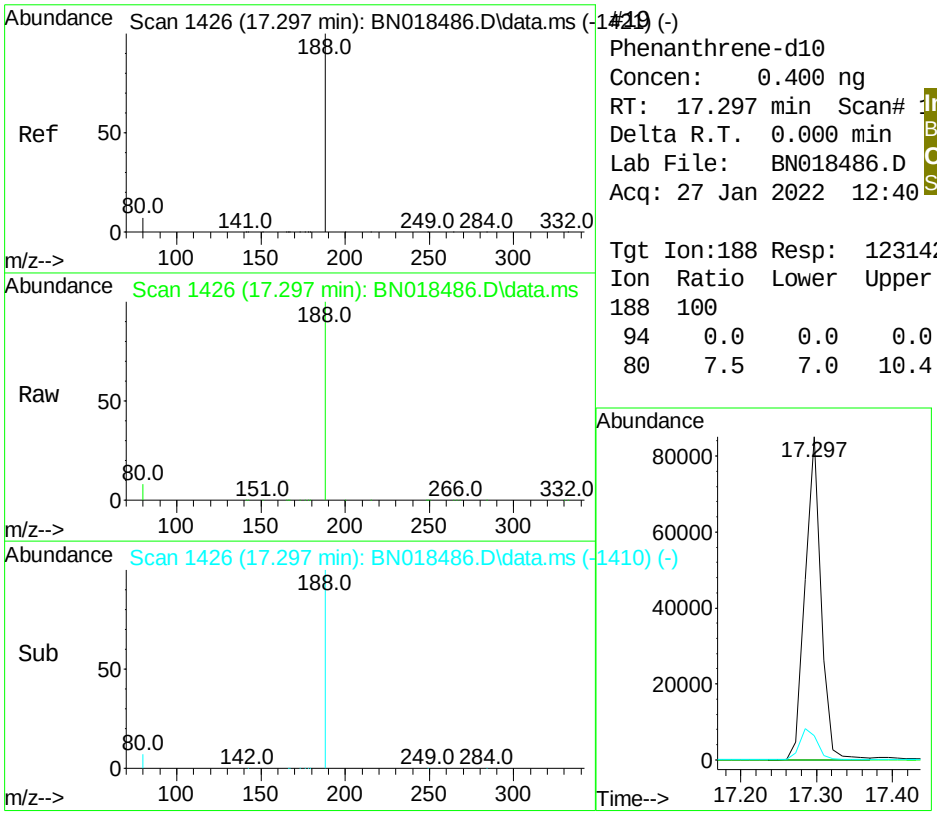


#18
Fluorene
Concen: 0.426 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:166 Resp: 89644

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	13.4	10.9	16.3



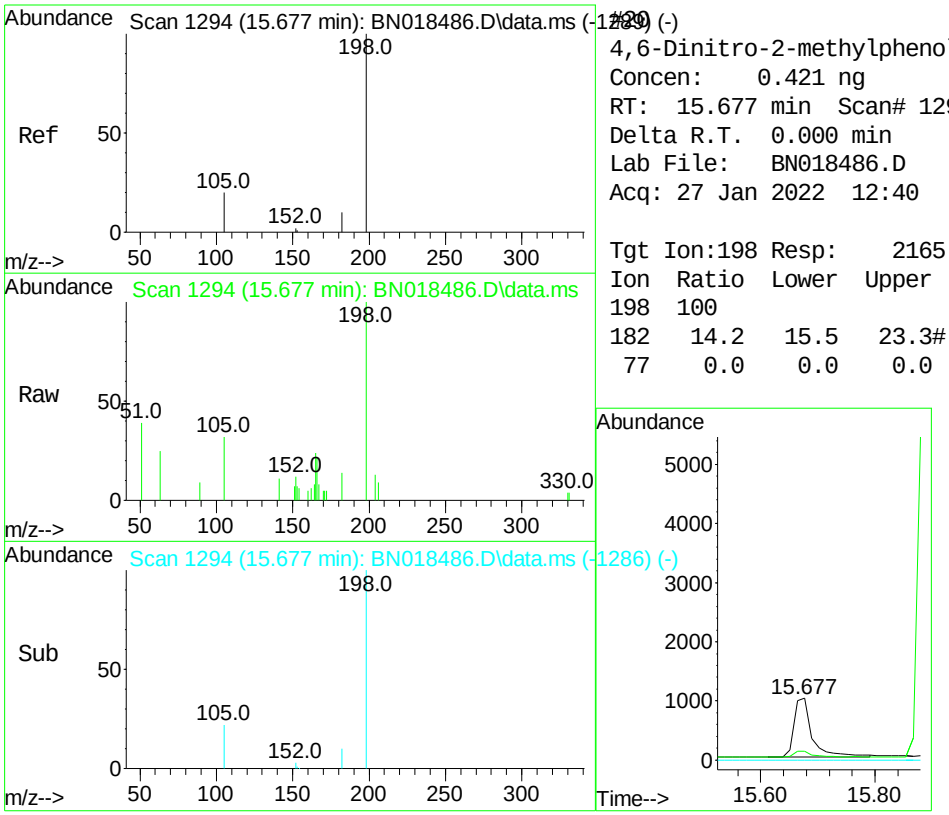


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 123142

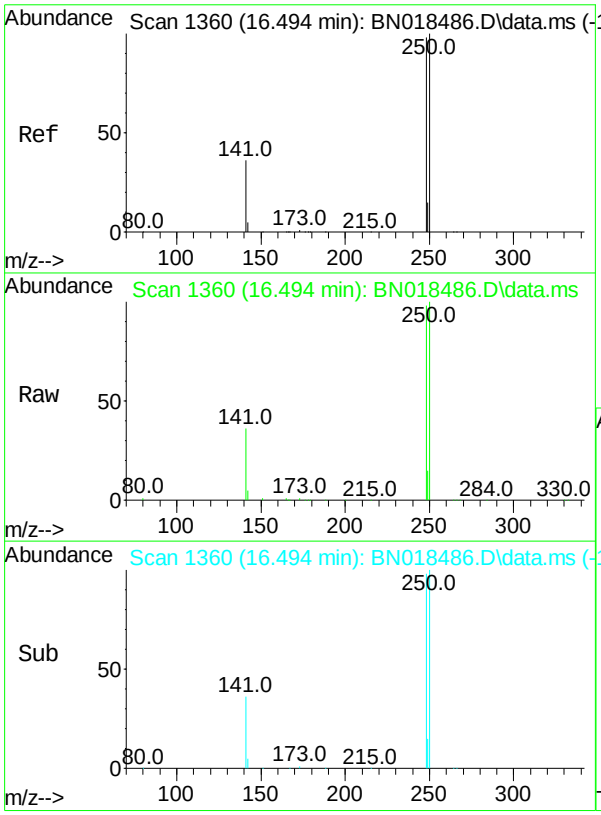
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.0	10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.421 ng
RT: 15.677 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:198 Resp: 2165

Ion	Ratio	Lower	Upper
198	100		
182	14.2	15.5	23.3#
77	0.0	0.0	0.0

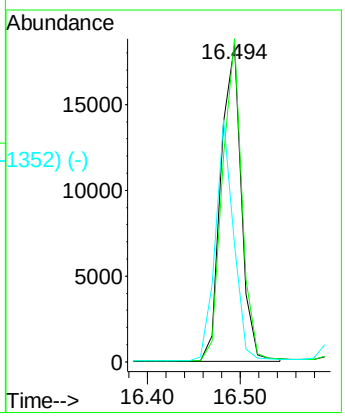


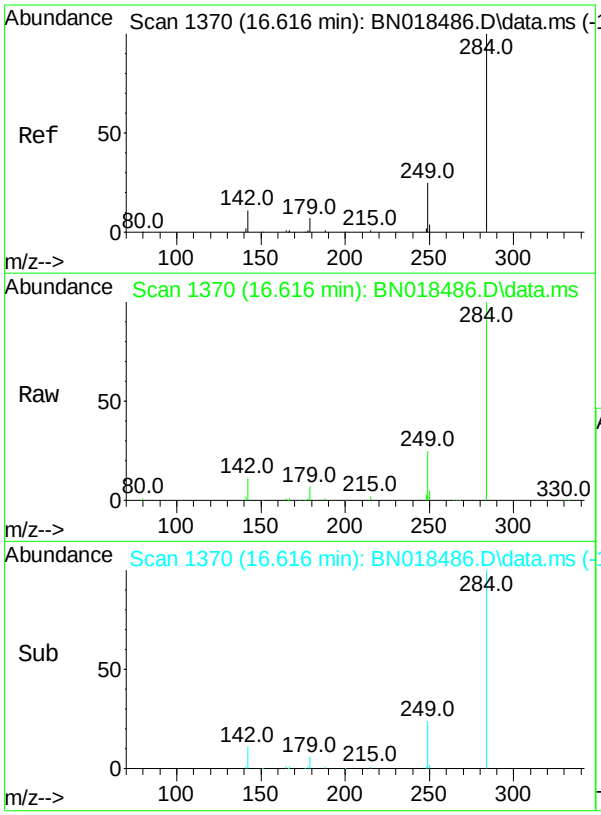
#21
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 28076

Ion	Ratio	Lower	Upper
248	100		
250	101.9	74.4	111.6
141	37.2	43.7	65.5#

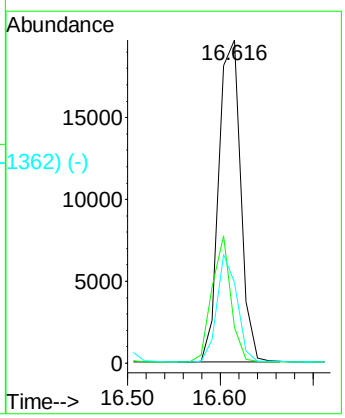


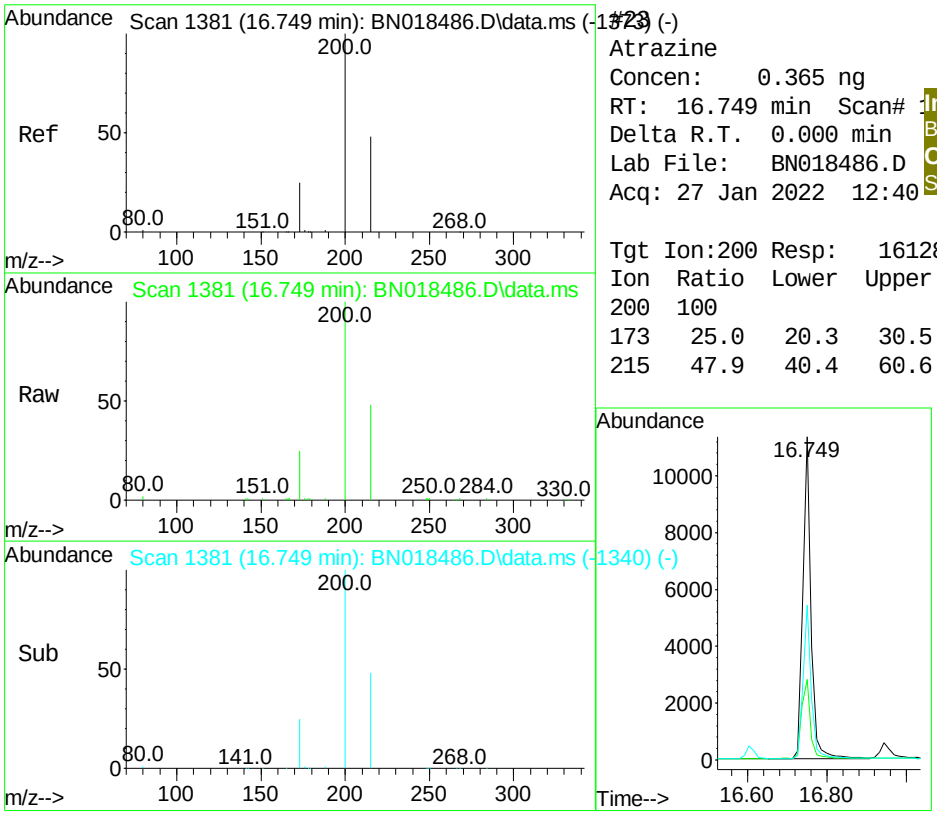


#22
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:284 Resp: 32441

Ion	Ratio	Lower	Upper
284	100		
142	33.7	21.6	32.4#
249	30.4	23.5	35.3



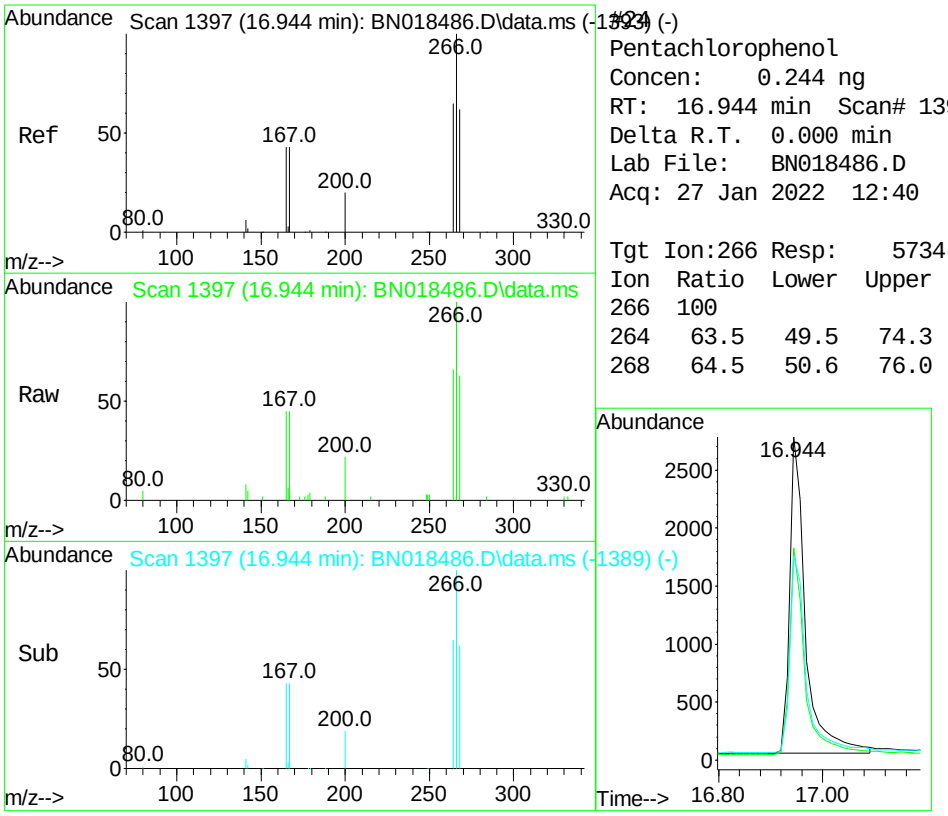


#23
Atrazine
Concen: 0.365 ng
RT: 16.749 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 16128

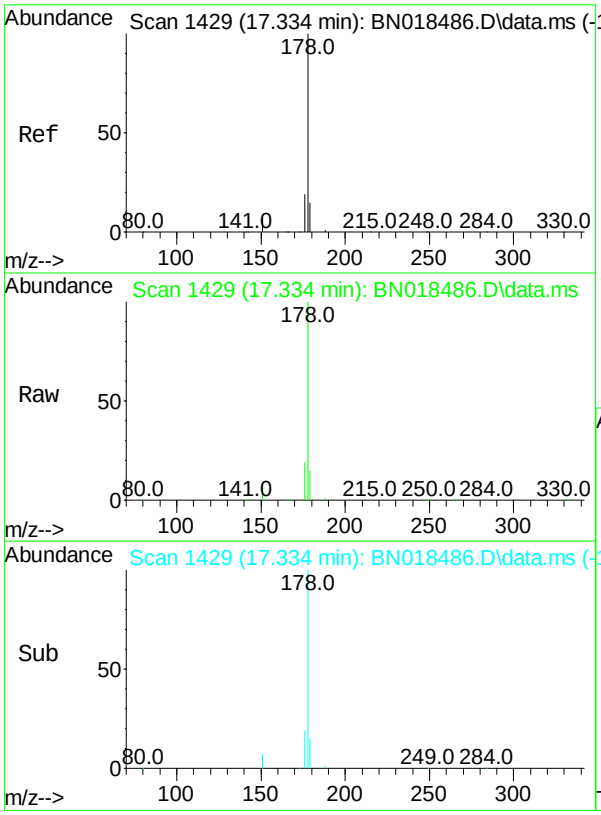
Ion	Ratio	Lower	Upper
200	100		
173	25.0	20.3	30.5
215	47.9	40.4	60.6



#24
Pentachlorophenol
Concen: 0.244 ng
RT: 16.944 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:266 Resp: 5734

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.5	74.3
268	64.5	50.6	76.0

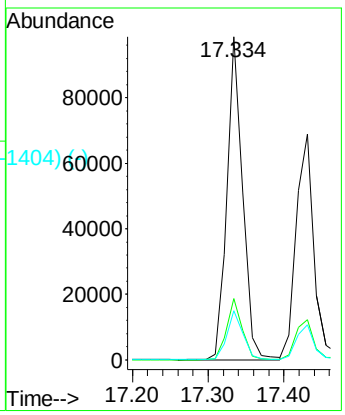


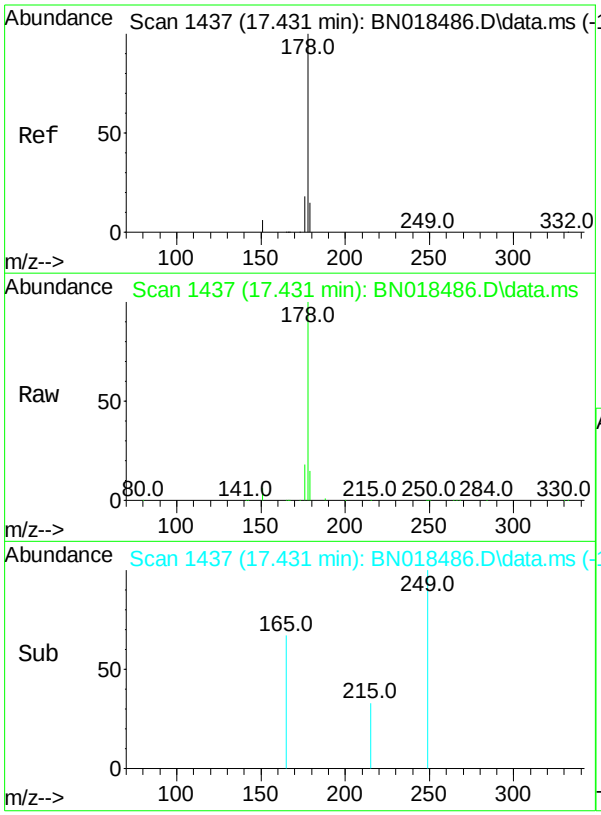
#25
Phenanthrene
Concen: 0.430 ng
RT: 17.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 140712

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.3	18.5

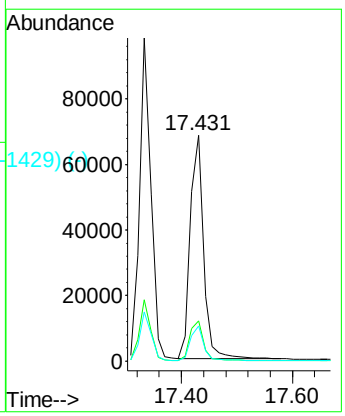


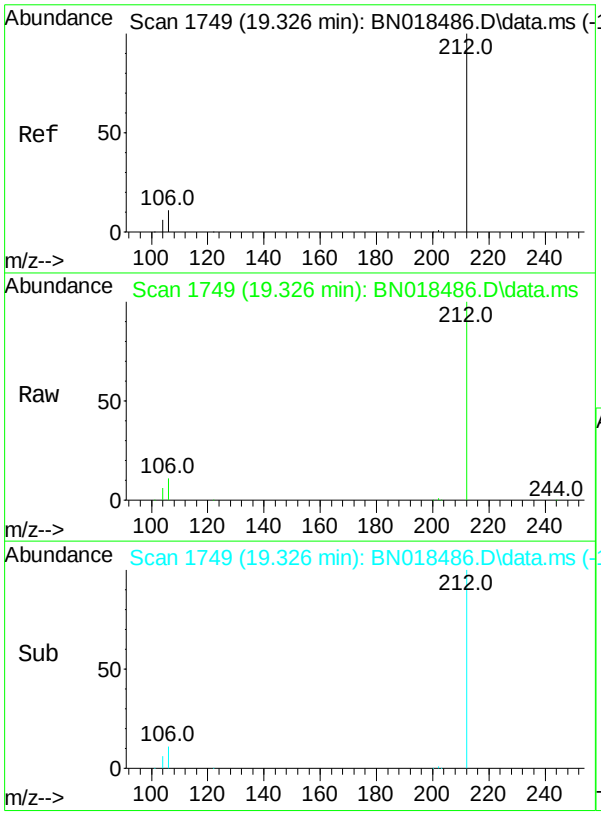


#26
Anthracene
Concen: 0.409 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:178 Resp: 113025

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	12.2	18.4



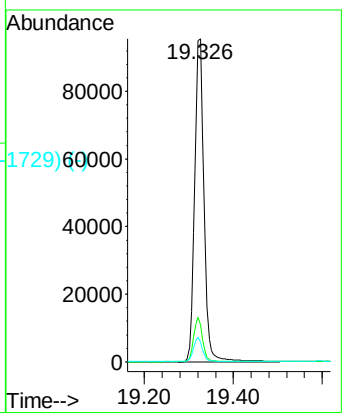


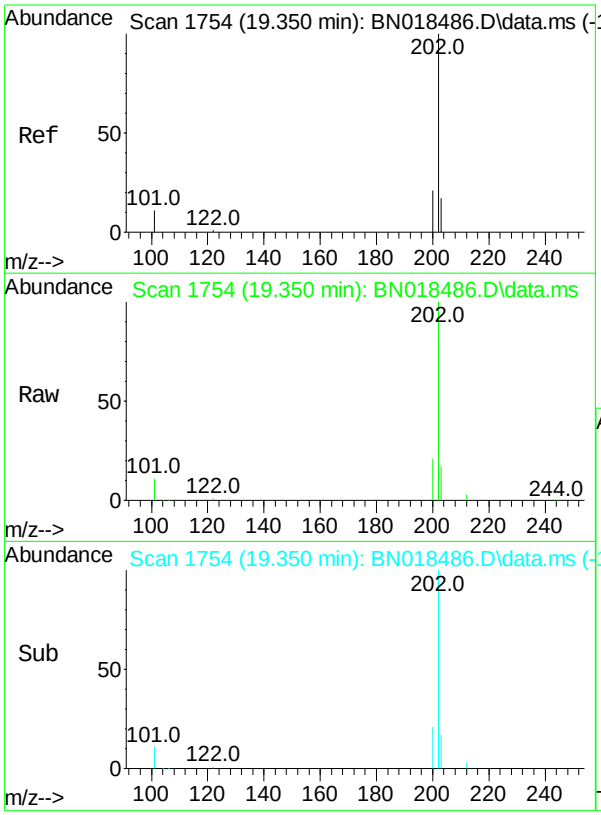
#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.326 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 138621

Ion	Ratio	Lower	Upper
212	100		
106	13.2	8.4	12.6#
104	7.2	4.5	6.7#

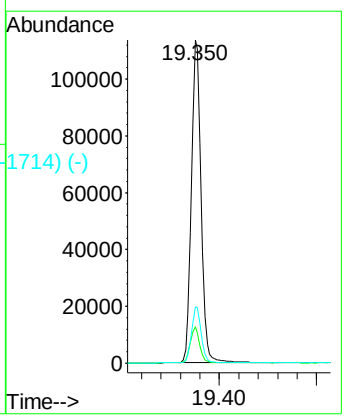


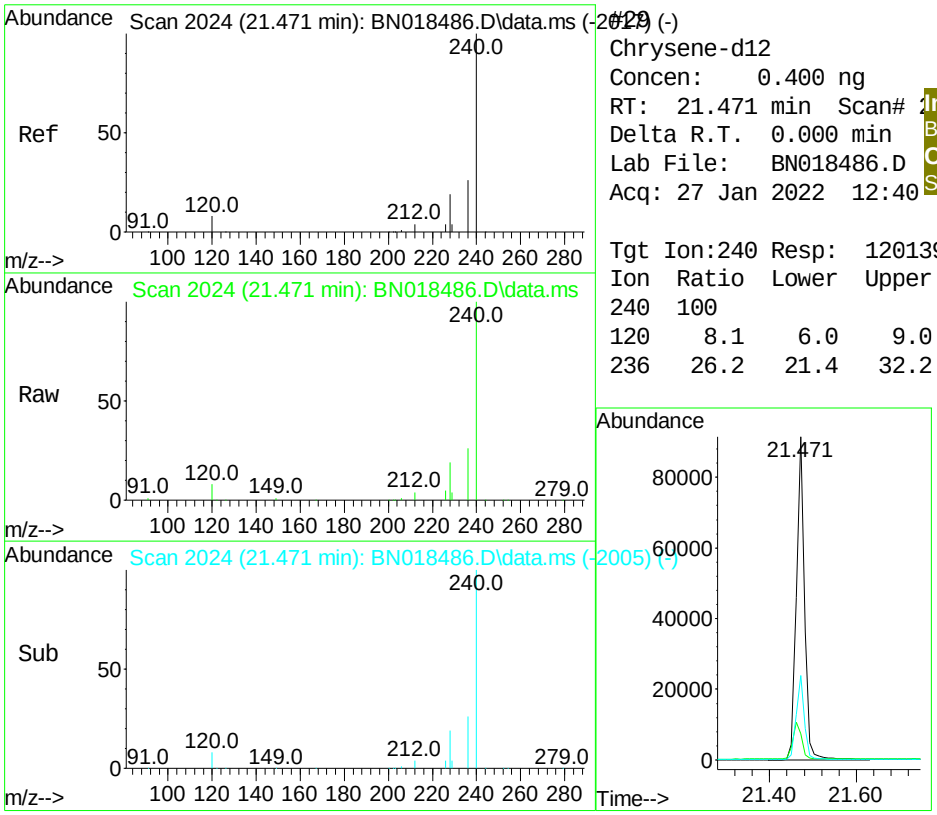


#28
Fluoranthene
Concen: 0.442 ng
RT: 19.350 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:202 Resp: 157758

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.2	10.8#
203	17.3	13.7	20.5



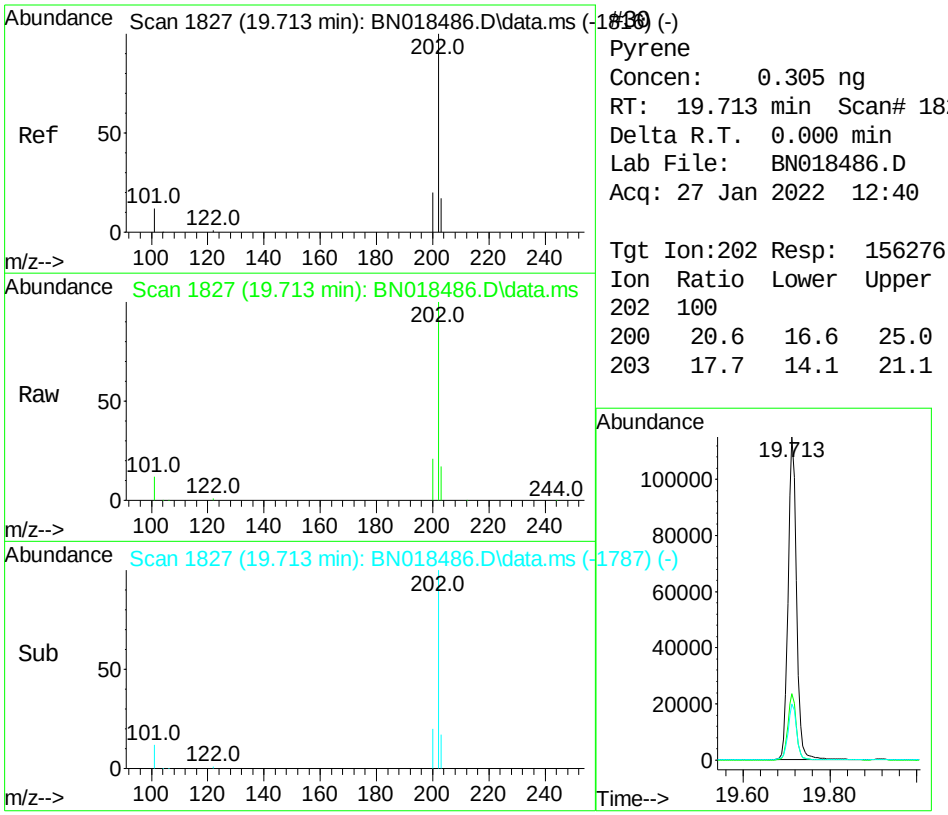


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 120139

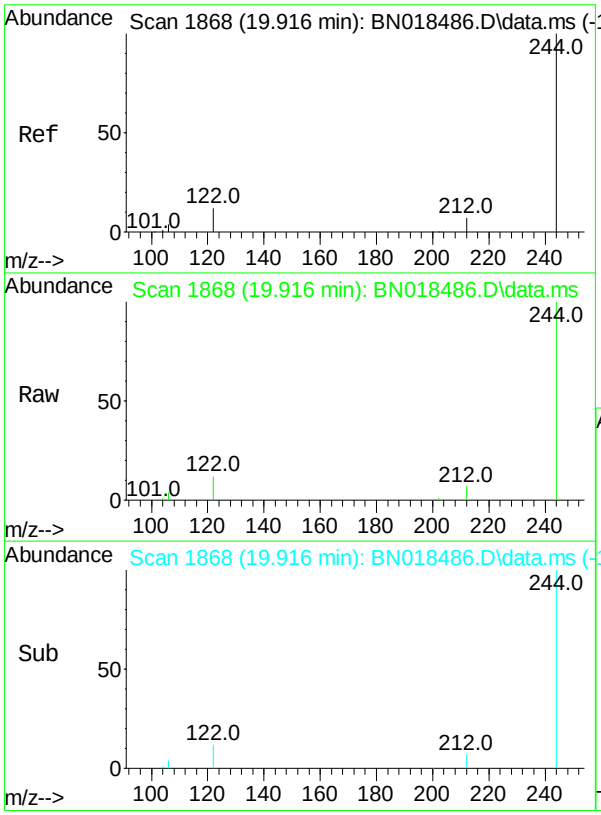
Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.0	9.0
236	26.2	21.4	32.2



#30
Pyrene
Concen: 0.305 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:202 Resp: 156276

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.7	14.1	21.1

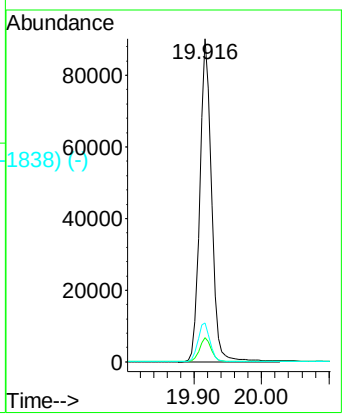


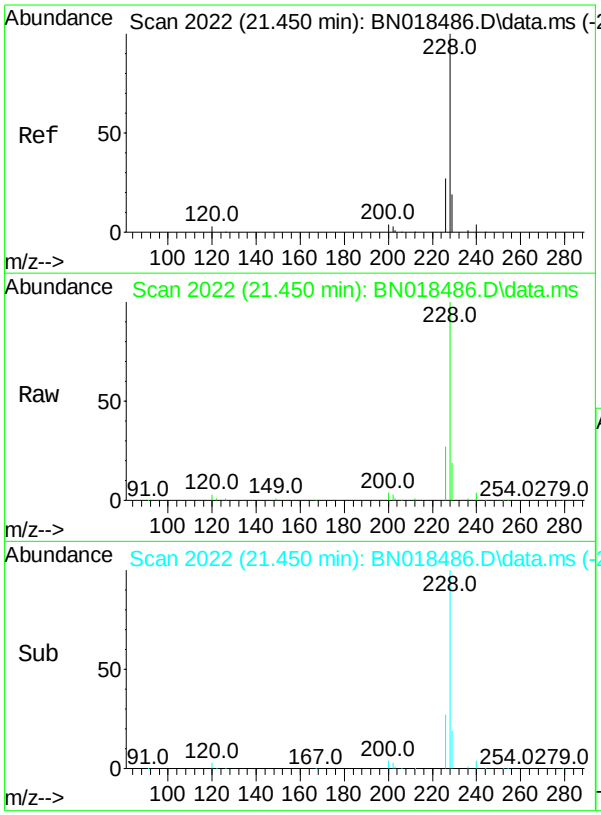
#31
Terphenyl-d14
Concen: 0.314 ng
RT: 19.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 117084

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.1	7.9	11.9#

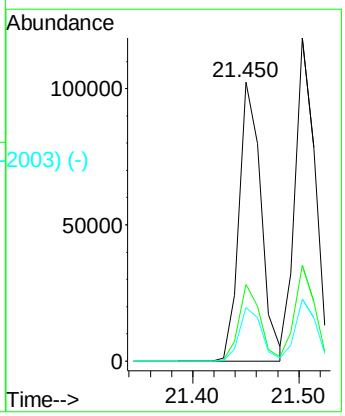


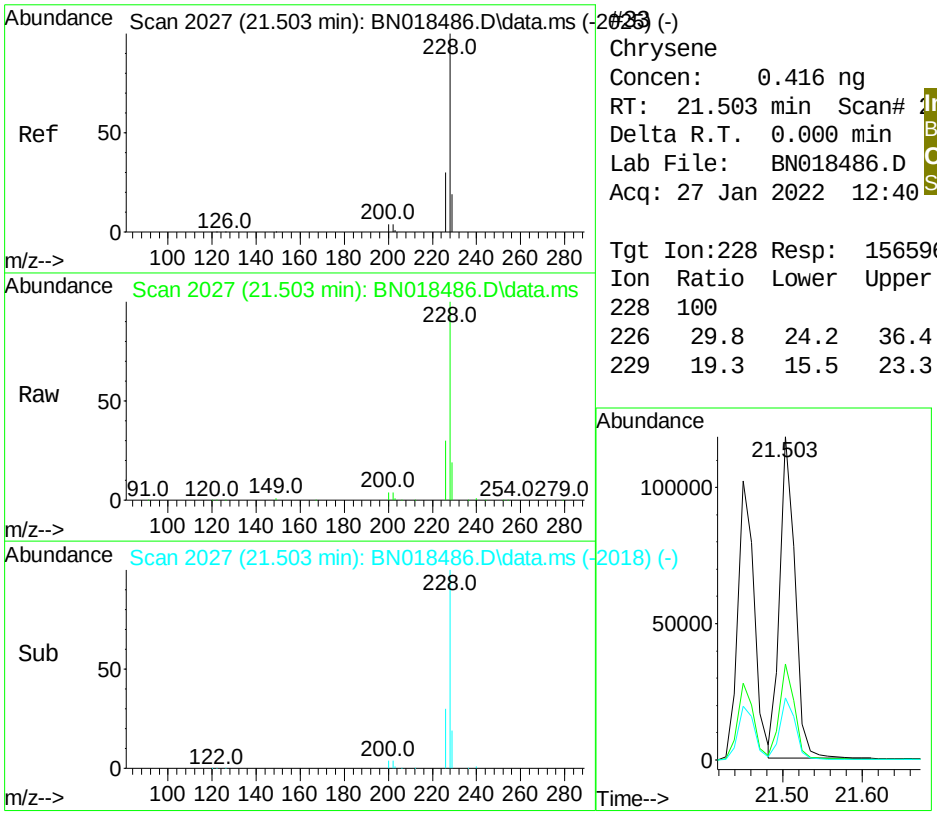


#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:228 Resp: 146437

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.3	31.9
229	19.1	15.9	23.9



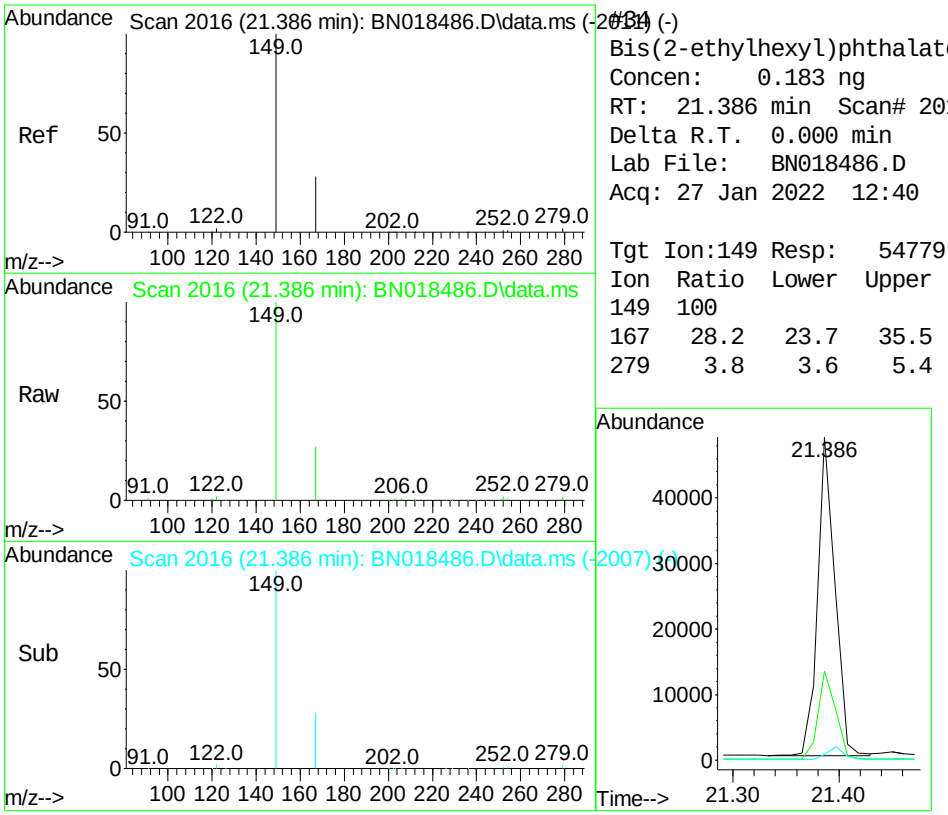


#23
Chrysene
Concen: 0.416 ng
RT: 21.503 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 156596

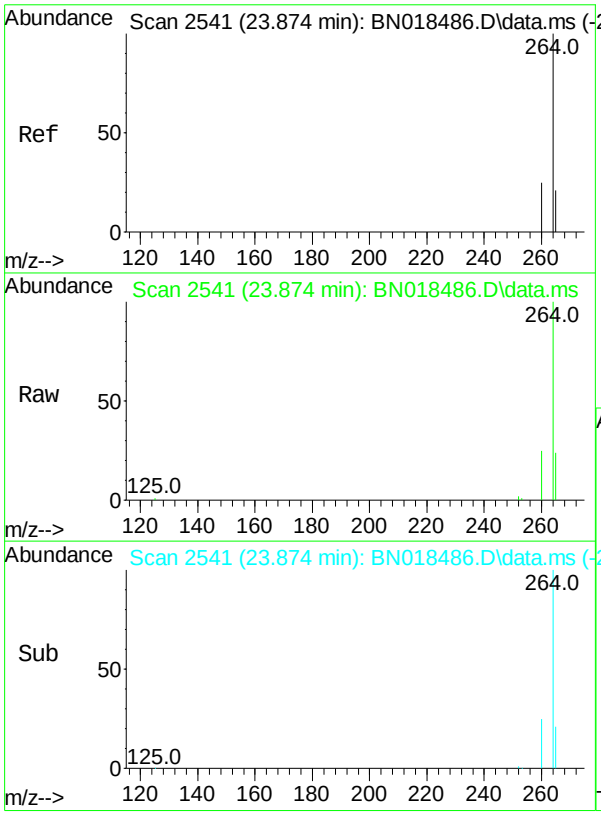
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.3	15.5	23.3



#24
Bis(2-ethylhexyl)phthalate
Concen: 0.183 ng
RT: 21.386 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:149 Resp: 54779

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.7	35.5
279	3.8	3.6	5.4

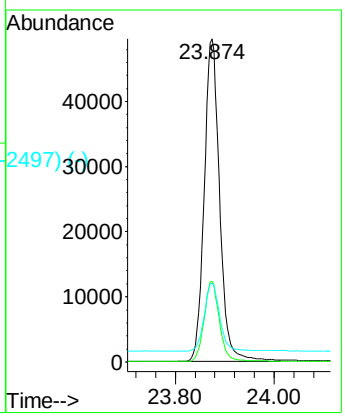


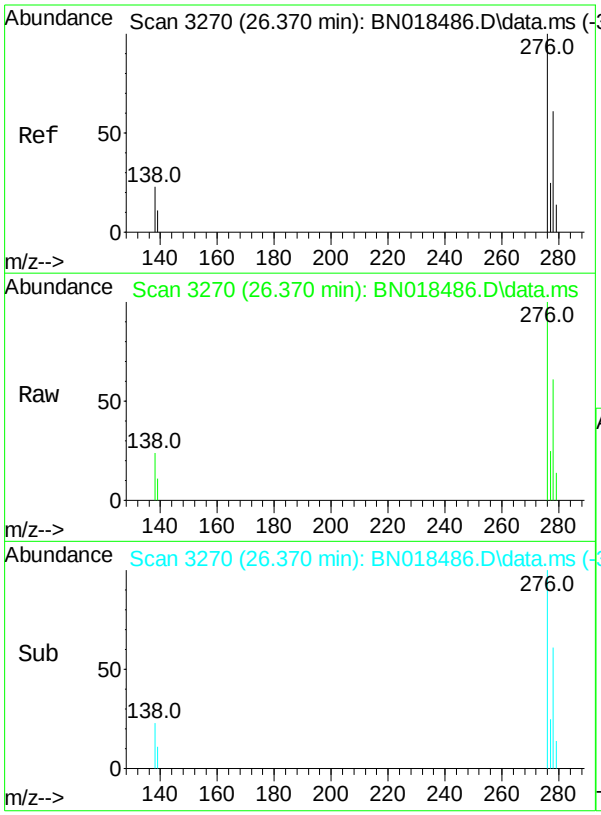
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 107537

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	24.3	18.2	27.2

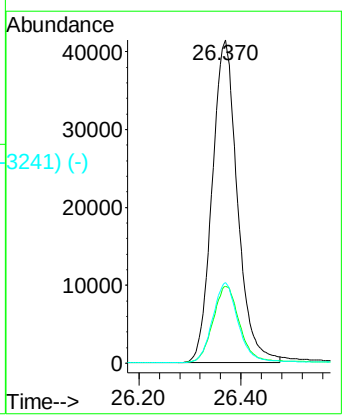


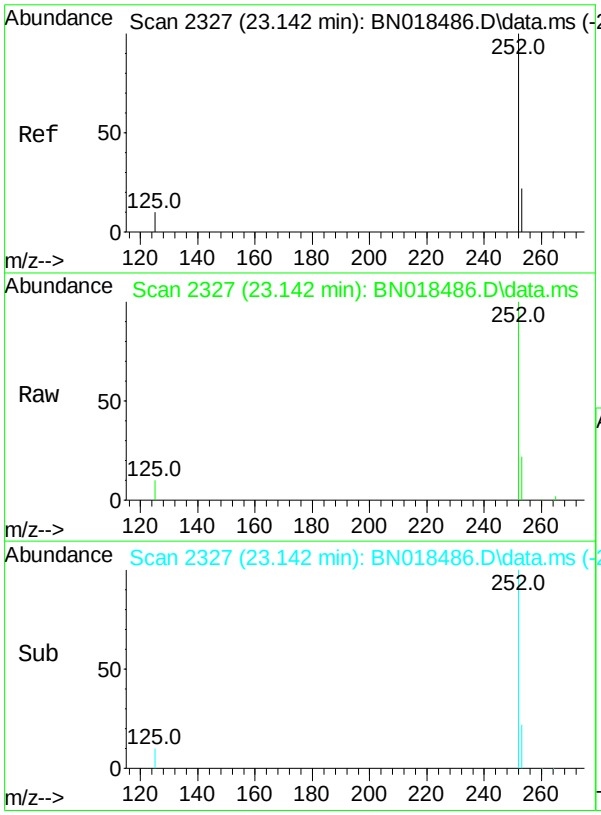


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.744 ng
RT: 26.370 min Scan# 3270
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:276 Resp: 142299

Ion	Ratio	Lower	Upper
276	100		
138	24.6	14.9	22.3#
277	24.9	19.9	29.9



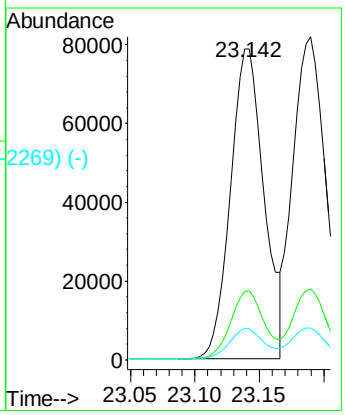


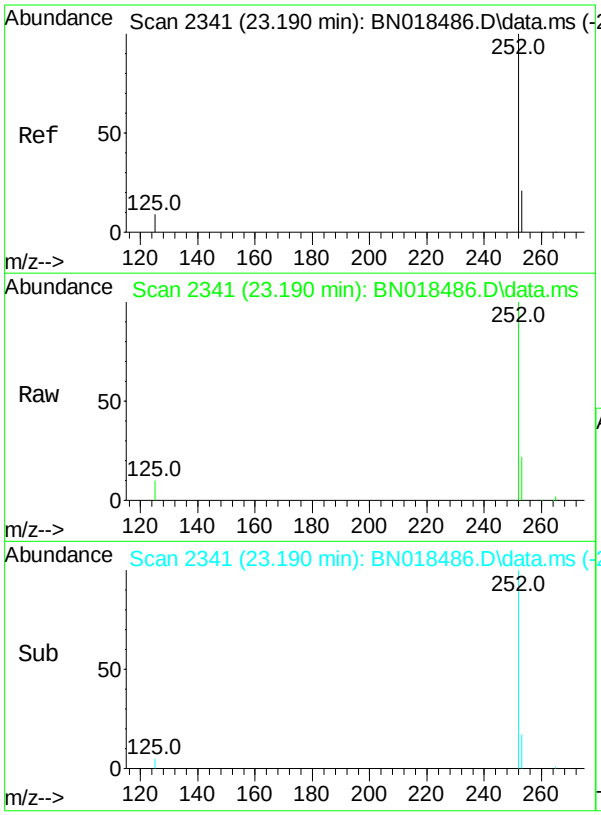
#37
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.142 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 142891

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.1	6.0	9.0#

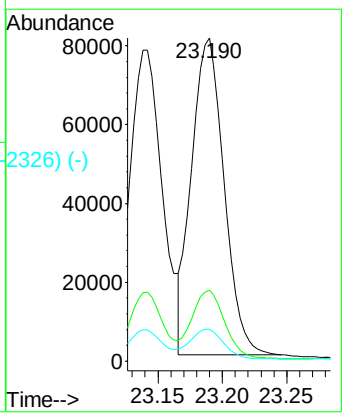


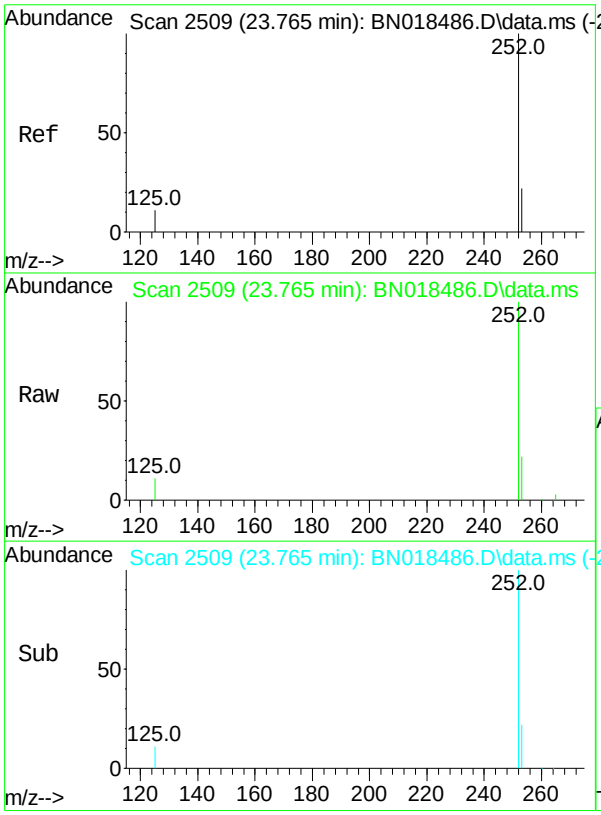


#38
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.190 min Scan# 2341
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:252 Resp: 140712

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.0	6.2	9.2#



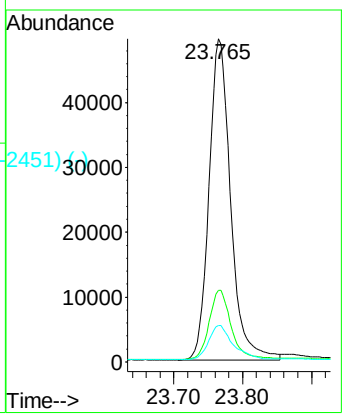


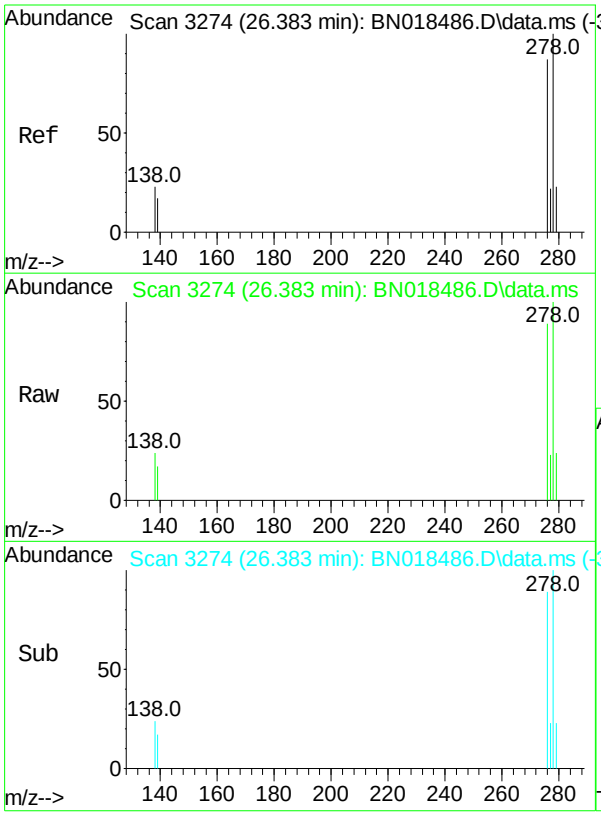
#39
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.765 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 107955

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.3	7.0	10.4#

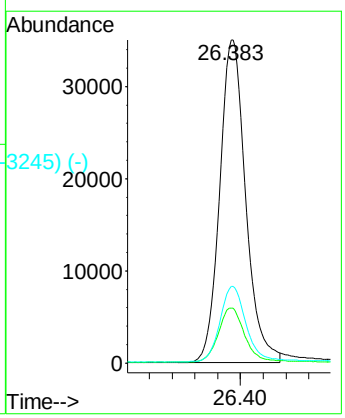


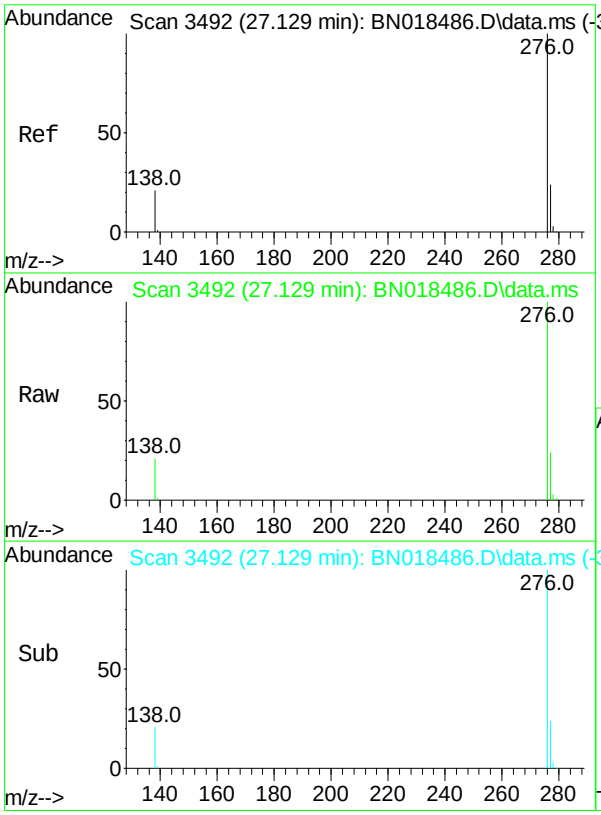


#40
Dibenzo(a,h)anthracene
Concen: 0.874 ng
RT: 26.383 min Scan# 3274
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Tgt Ion:278 Resp: 110224

Ion	Ratio	Lower	Upper
278	100		
139	17.0	10.8	16.2#
279	23.7	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.643 ng
RT: 27.129 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018486.D
Acq: 27 Jan 2022 12:40

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 125117

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	21.2	12.6	19.0#