Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018485.D
Acq On : 27 Jan 2022 12:05
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 28 02:37:06 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

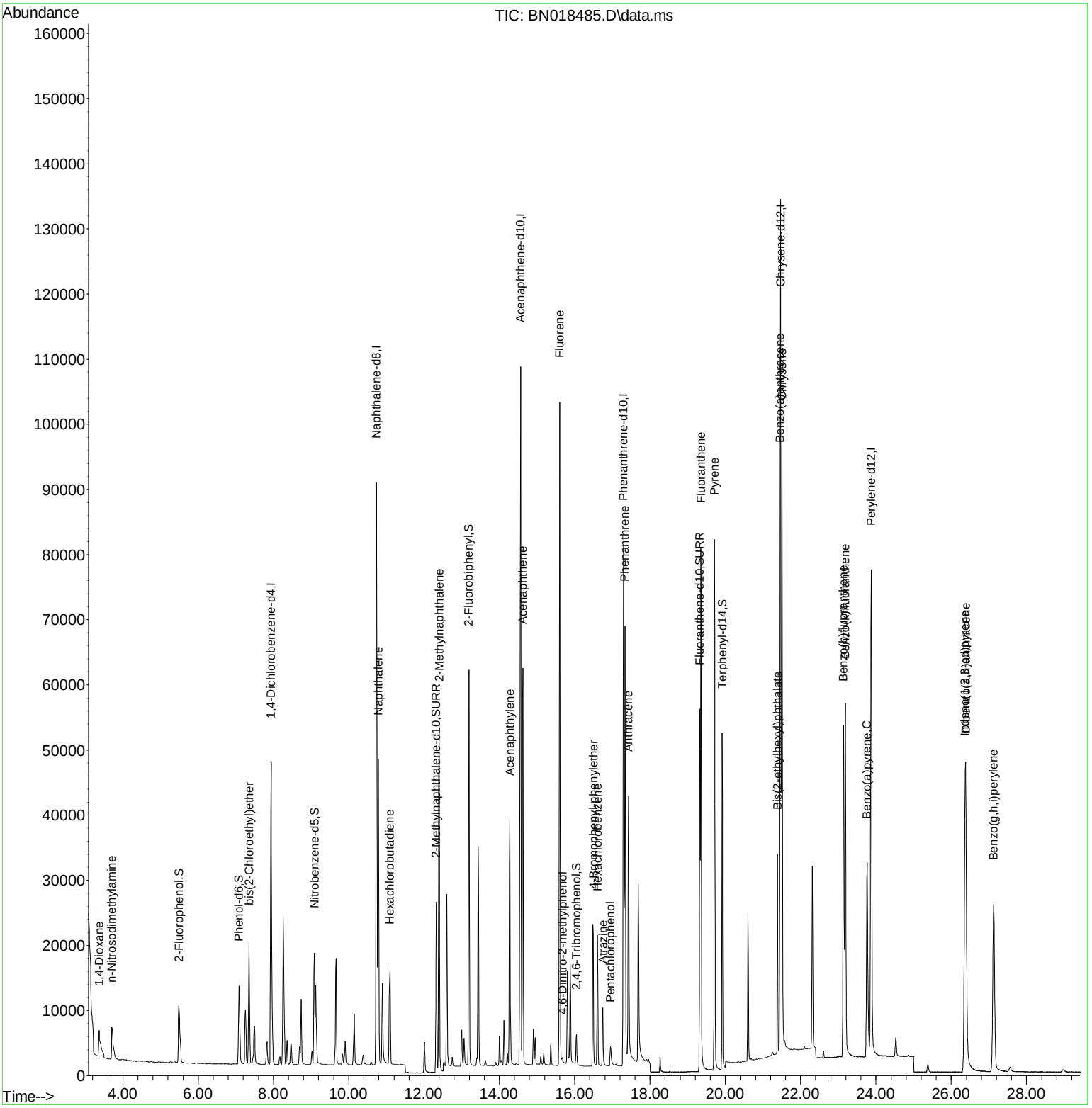
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	27766	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	119121	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	64509	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	120371	0.400	ng		0.00
29) Chrysene-d12	21.472	240	113670	0.400	ng		0.00
35) Perylene-d12	23.871	264	108260	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	13732	0.199	ng		0.00
5) Phenol-d6	7.080	99	14731	0.197	ng		0.00
8) Nitrobenzene-d5	9.088	82	15122	0.220	ng		0.00
11) 2-Methylnaphthalene-d10	12.323	152	37048	0.185	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3453	0.178	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	53276	0.230	ng		0.00
27) Fluoranthene-d10	19.321	212	65940	0.182	ng		0.00
31) Terphenyl-d14	19.917	244	57231	0.162	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	3808	0.263	ng	#	62
3) n-Nitrosodimethylamine	3.705	42	5418	0.237	ng		99
6) bis(2-Chloroethyl)ether	7.356	93	16688	0.221	ng		99
9) Naphthalene	10.787	128	61913	0.214	ng		100
10) Hexachlorobutadiene	11.091	225	12548	0.219	ng	#	100
12) 2-Methylnaphthalene	12.398	142	41843	0.207	ng		99
16) Acenaphthylene	14.281	152	46786	0.196	ng		100
17) Acenaphthene	14.624	154	35045	0.206	ng		99
18) Fluorene	15.601	166	42022	0.205	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	736	0.146	ng		92
21) 4-Bromophenyl-phenylether	16.494	248	13068	0.202	ng	#	83
22) Hexachlorobenzene	16.604	284	16000	0.224	ng	#	94
23) Atrazine	16.750	200	7649	0.177	ng		98
24) Pentachlorophenol	16.944	266	2163	0.094	ng		99
25) Phenanthrene	17.334	178	66688	0.209	ng		100
26) Anthracene	17.431	178	50653	0.187	ng		100
28) Fluoranthene	19.351	202	74598	0.214	ng	#	98
30) Pyrene	19.713	202	75181	0.155	ng		100
32) Benzo(a)anthracene	21.450	228	68401	0.190	ng		99
33) Chrysene	21.503	228	75123	0.211	ng		99
34) Bis(2-ethylhexyl)phtha...	21.387	149	24623	0.087	ng		97
36) Indeno(1,2,3-cd)pyrene	26.366	276	69492	0.361	ng	#	93
37) Benzo(b)fluoranthene	23.139	252	69847	0.179	ng	#	97
38) Benzo(k)fluoranthene	23.187	252	71607	0.209	ng	#	97
39) Benzo(a)pyrene	23.765	252	52773	0.185	ng	#	96
40) Dibenzo(a,h)anthracene	26.384	278	53467	0.421	ng	#	93
41) Benzo(g,h,i)perylene	27.123	276	61173	0.312	ng	#	94

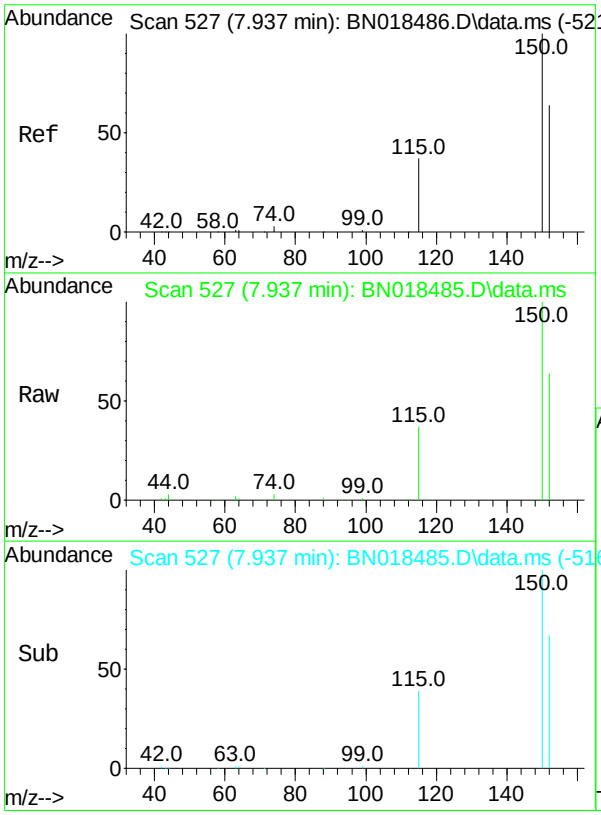
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018485.D
Acq On : 27 Jan 2022 12:05
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 28 02:37:06 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



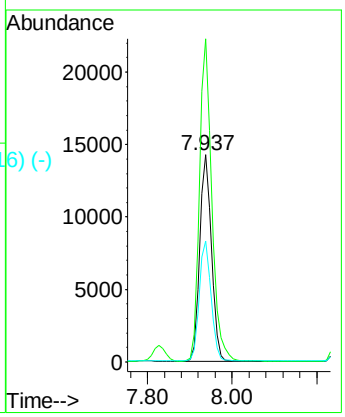


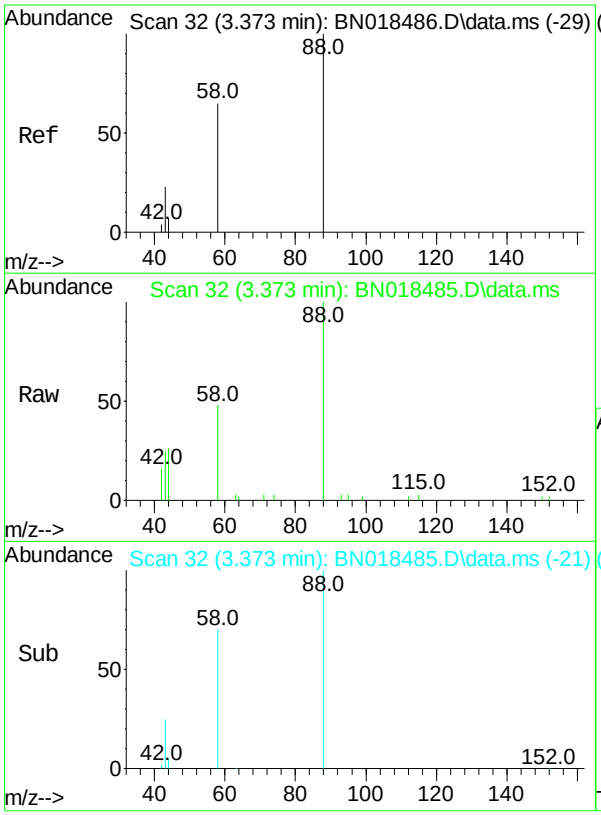
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 27766

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.7	182.5
115	58.4	43.8	65.8

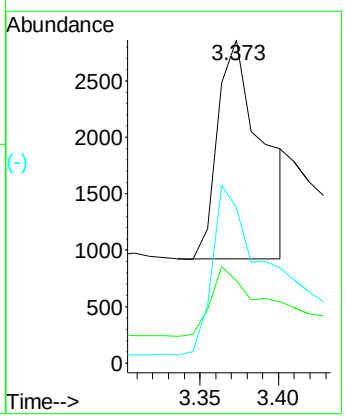


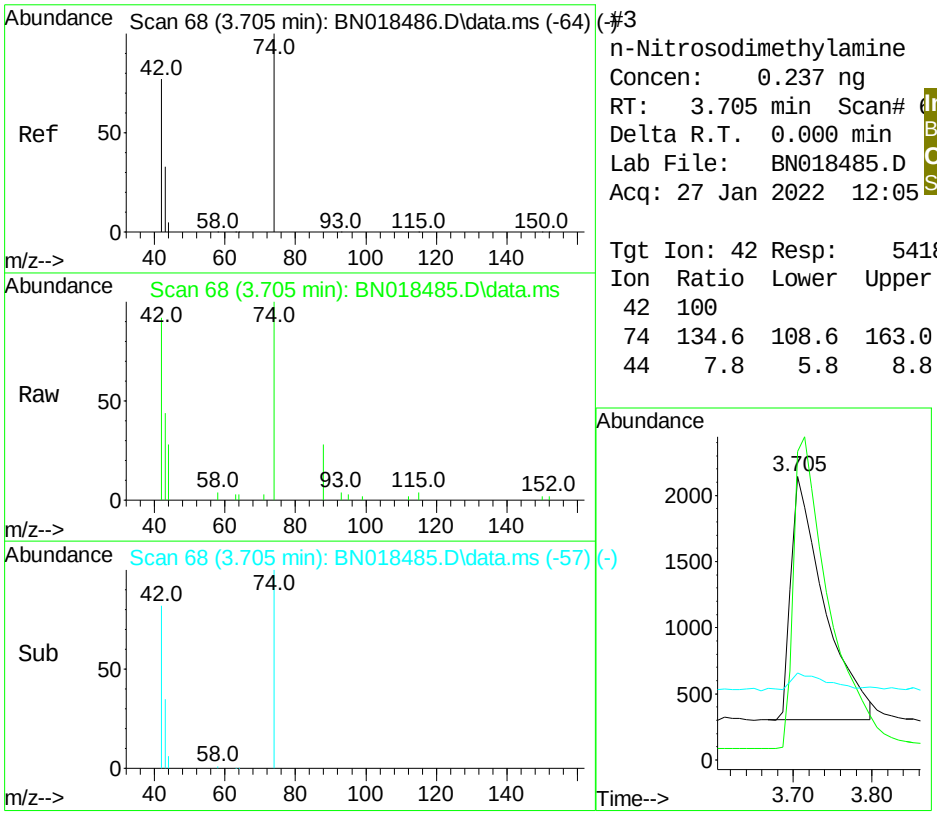


#2
1,4-Dioxane
Concen: 0.263 ng
RT: 3.373 min Scan# 32
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion: 88 Resp: 3808

Ion	Ratio	Lower	Upper
88	100		
43	33.4	69.7	104.5#
58	83.2	83.8	125.8#



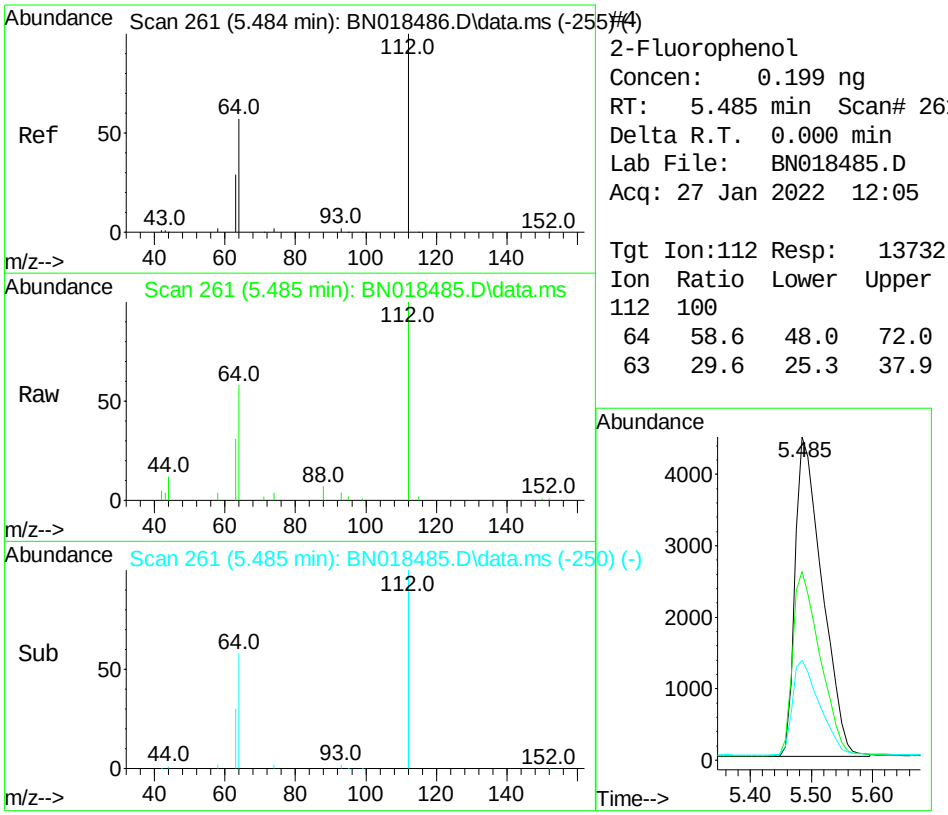


#3
n-Nitrosodimethylamine
Concen: 0.237 ng
RT: 3.705 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 5418

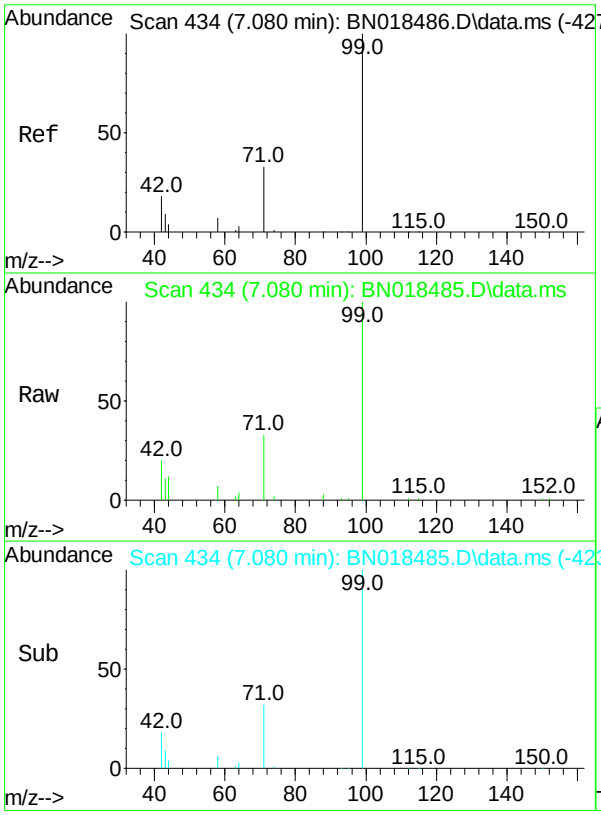
Ion	Ratio	Lower	Upper
42	100		
74	134.6	108.6	163.0
44	7.8	5.8	8.8



#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.485 min Scan# 261
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:112 Resp: 13732

Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.0	72.0
63	29.6	25.3	37.9

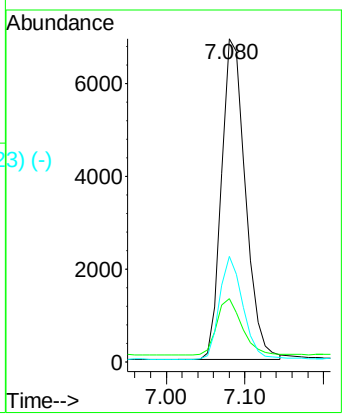


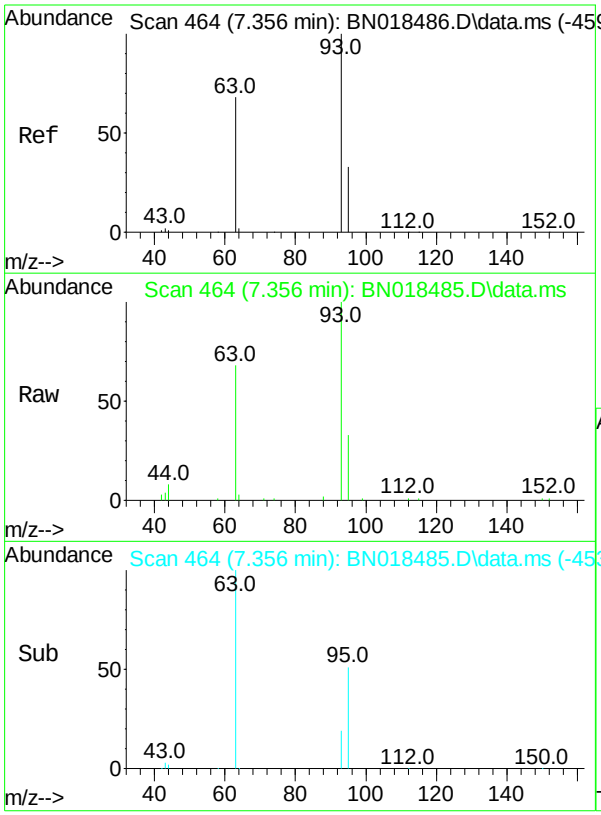
#5
Phenol-d6
Concen: 0.197 ng
RT: 7.080 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 14731

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	31.1	26.8	40.2

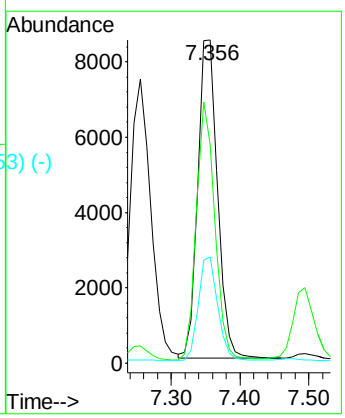


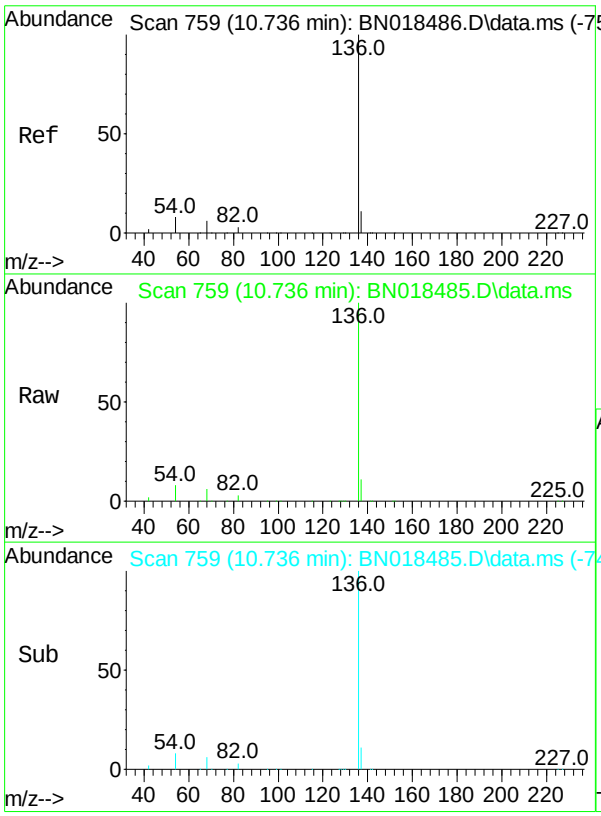


#6
bis(2-Chloroethyl)ether
Concen: 0.221 ng
RT: 7.356 min Scan# 464
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion: 93 Resp: 16688

Ion	Ratio	Lower	Upper
93	100		
63	76.5	61.7	92.5
95	32.2	26.2	39.4



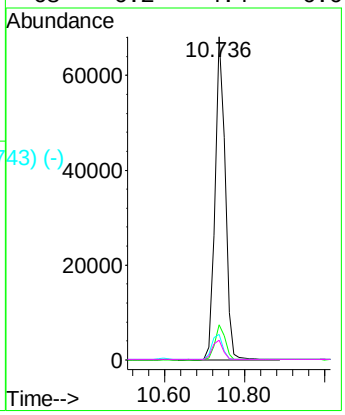


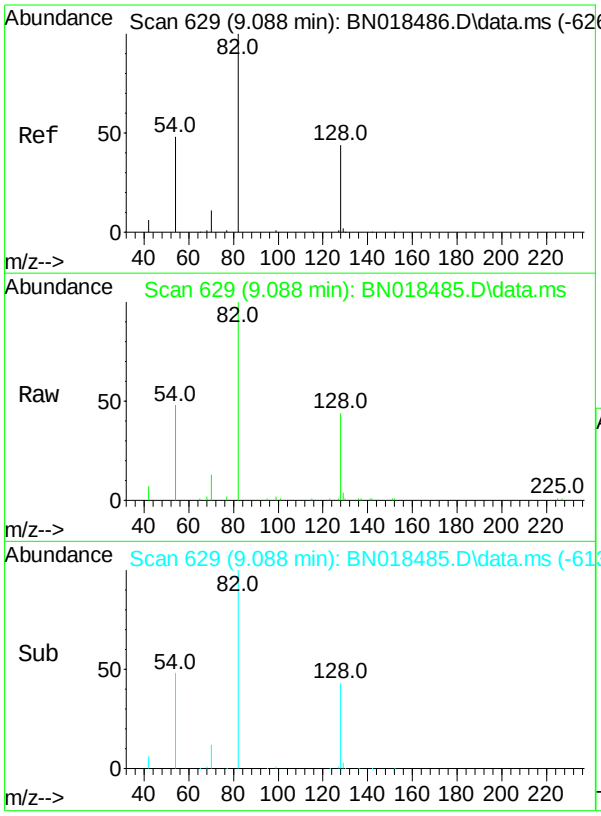
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.736 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 119121

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	5.0	7.6#
68	6.2	4.4	6.6

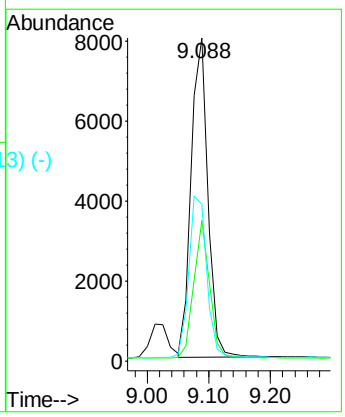


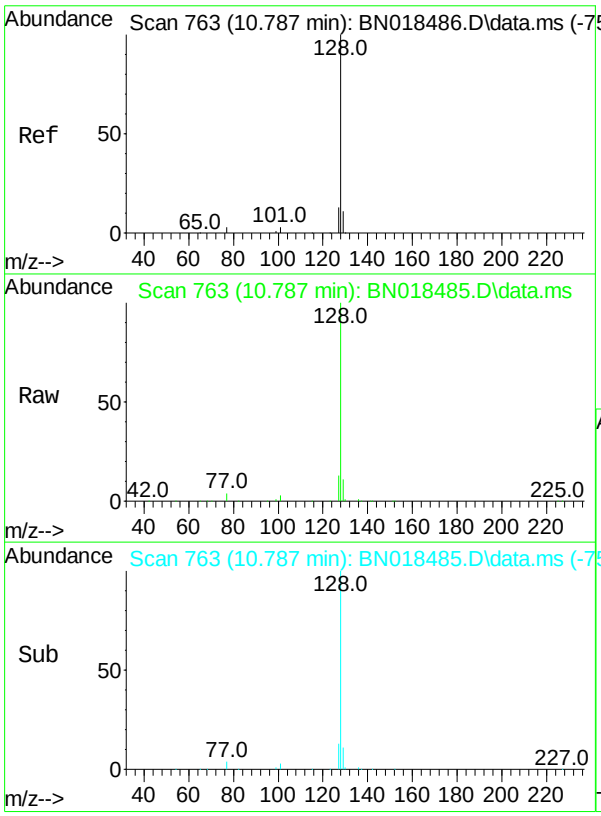


#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 9.088 min Scan# 629
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion: 82 Resp: 15122

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.7	50.5
54	48.5	36.6	55.0



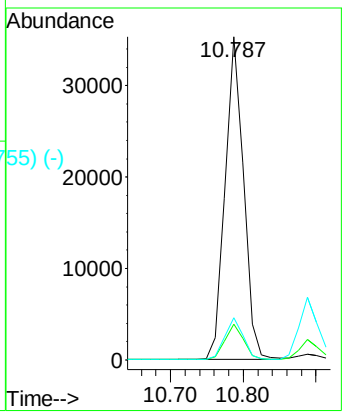


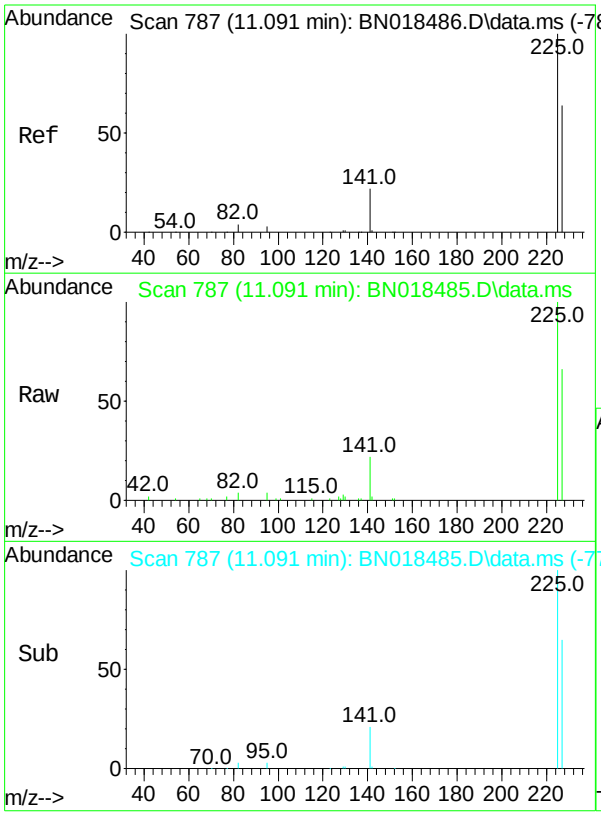
#9
Naphthalene
Concen: 0.214 ng
RT: 10.787 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 61913

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6

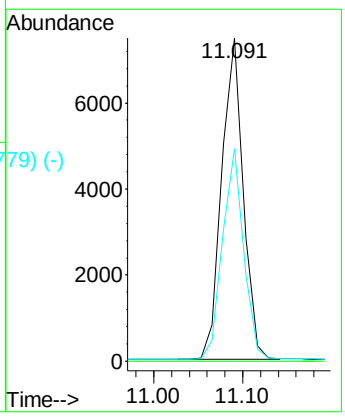


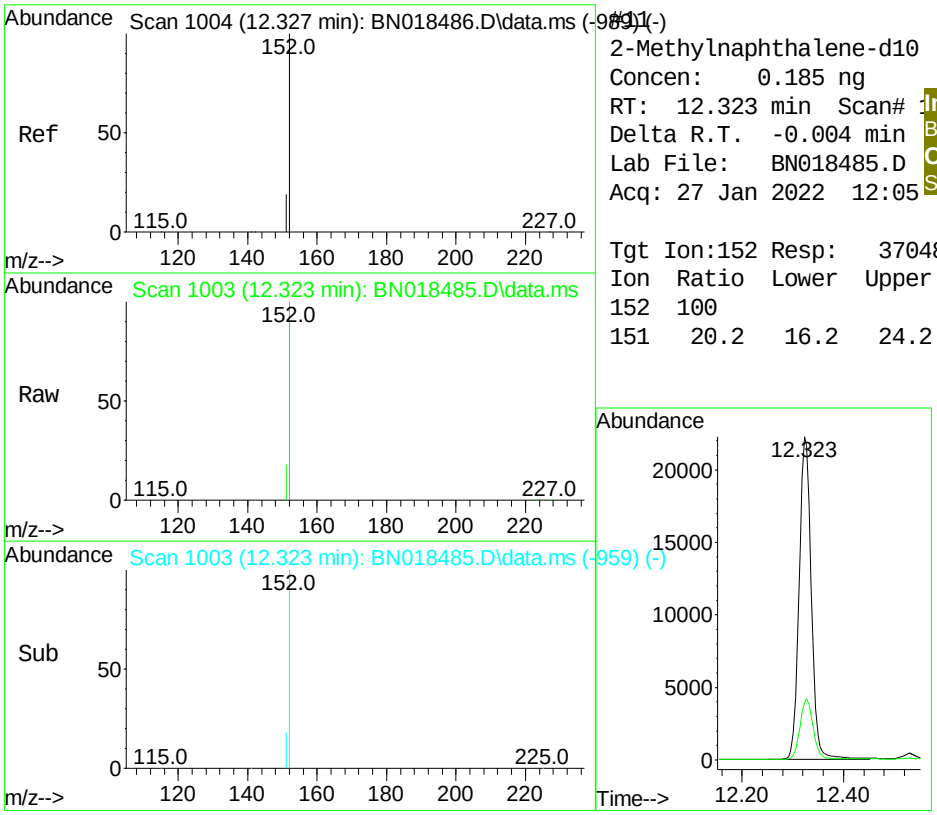


#10
Hexachlorobutadiene
Concen: 0.219 ng
RT: 11.091 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:225 Resp: 12548

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.6



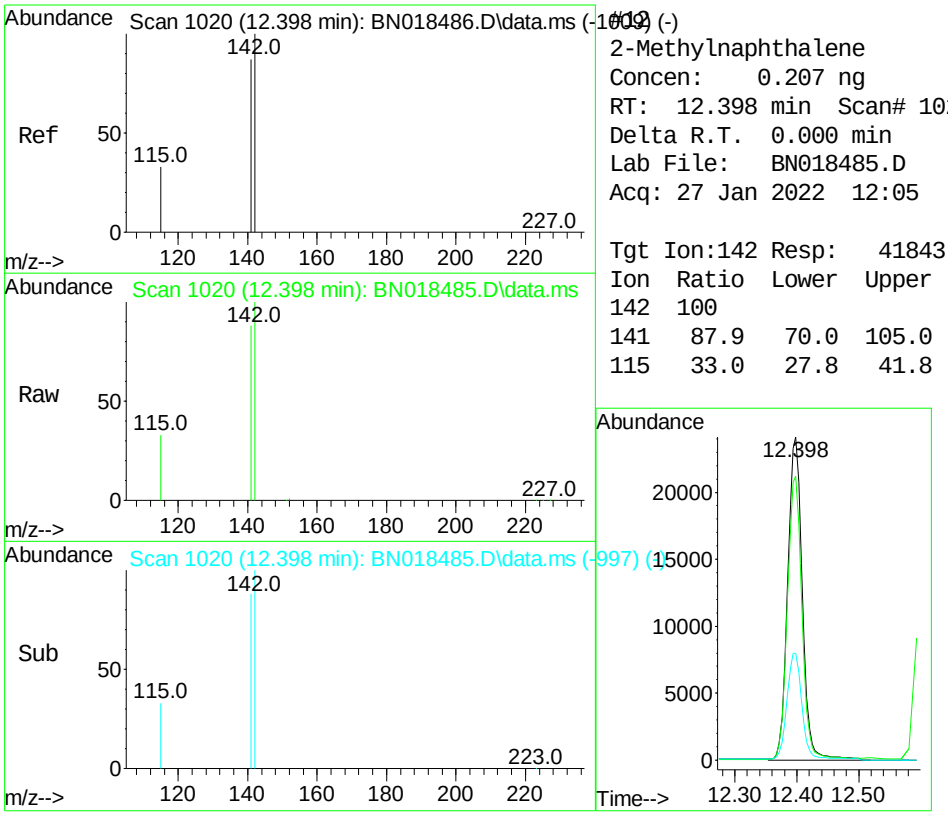


#11
2-Methylnaphthalene-d10
Concen: 0.185 ng
RT: 12.323 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 37048

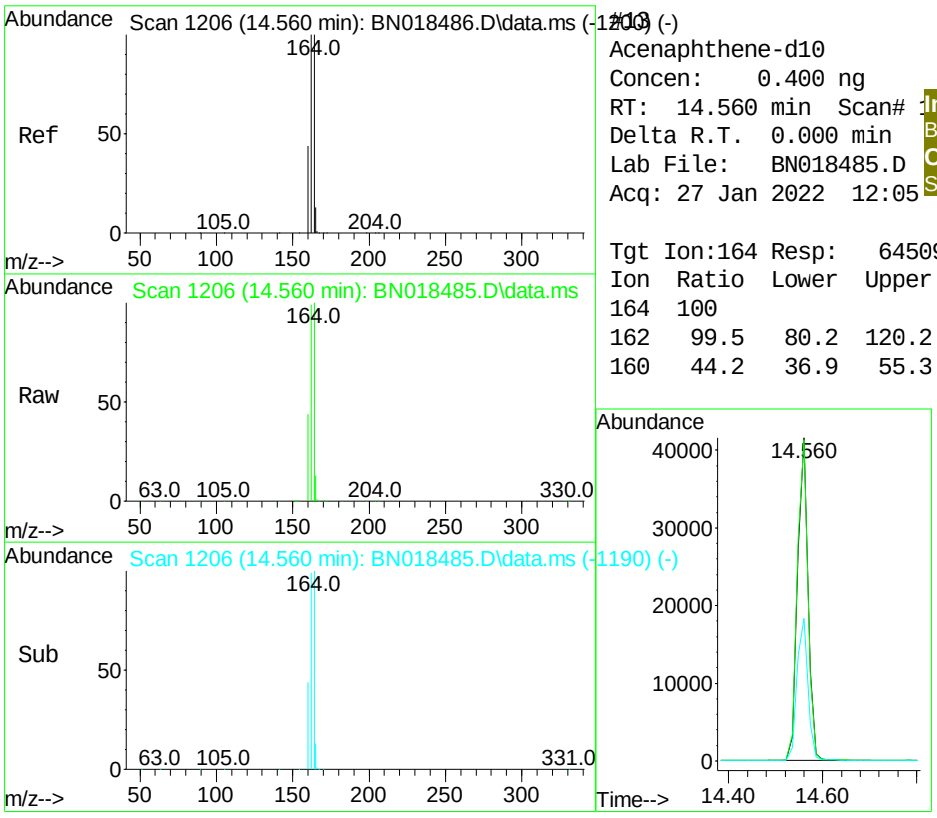
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2



#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.398 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:142 Resp: 41843

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	33.0	27.8	41.8

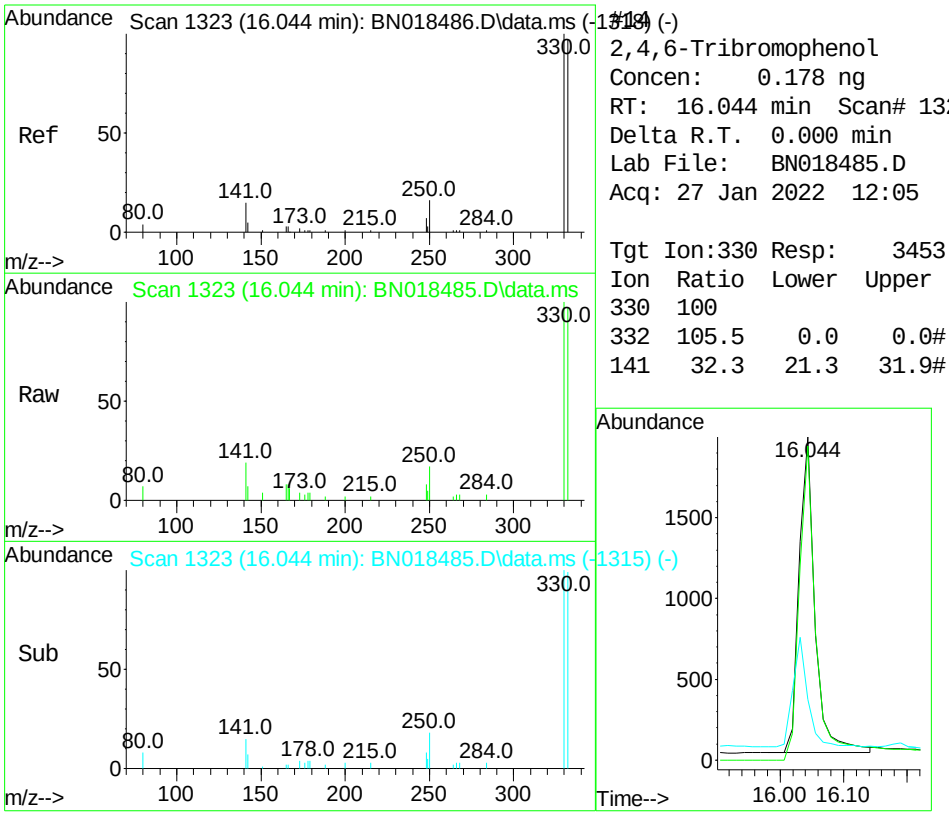


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 64509

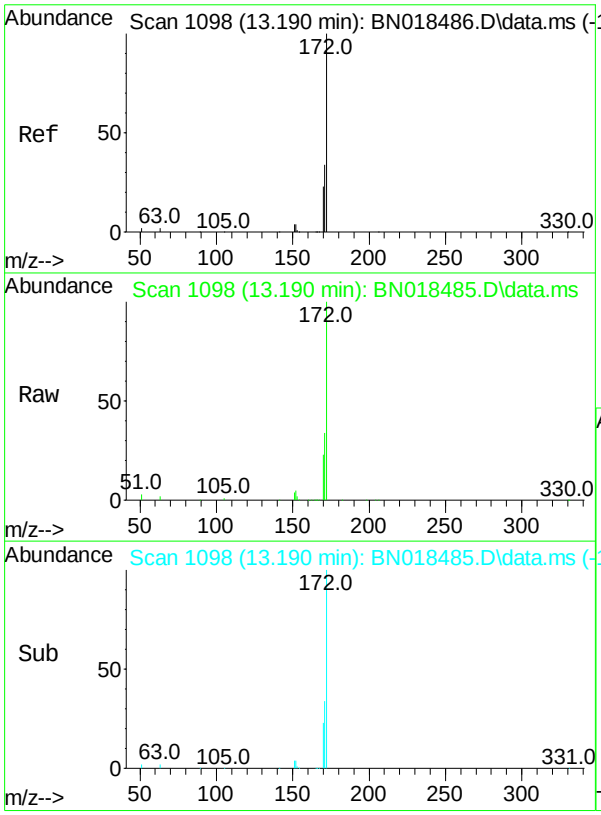
Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	44.2	36.9	55.3



#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:330 Resp: 3453

Ion	Ratio	Lower	Upper
330	100		
332	105.5	0.0	0.0#
141	32.3	21.3	31.9#

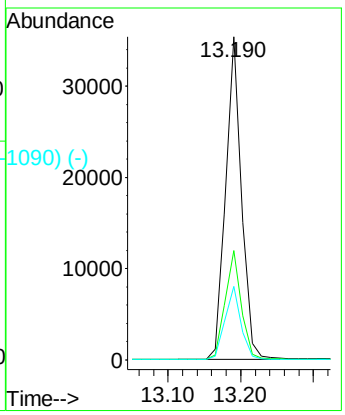


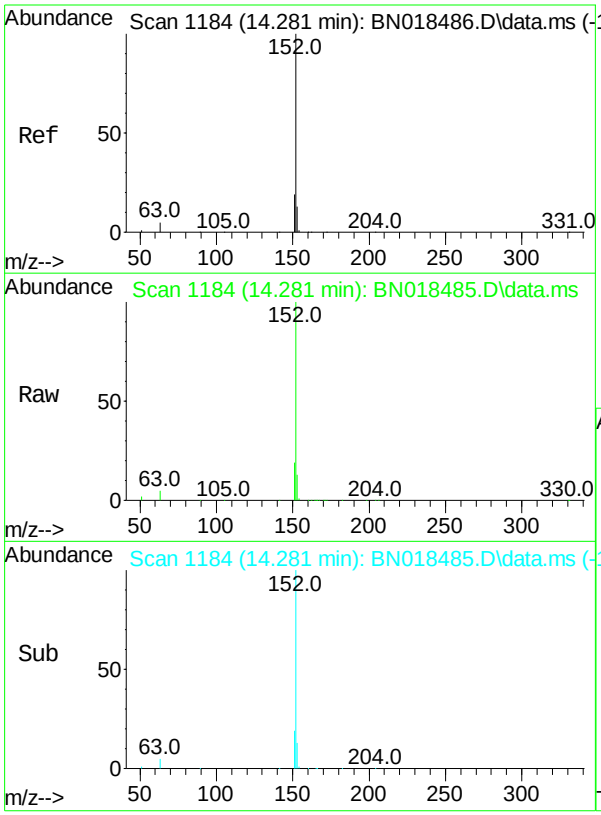
#14
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 53276

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.8	18.4	27.6

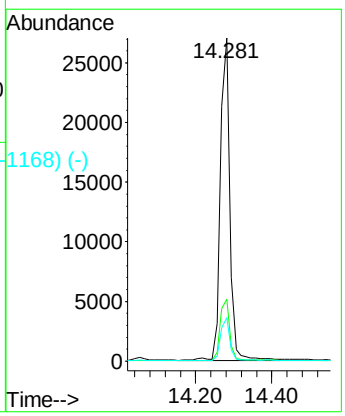


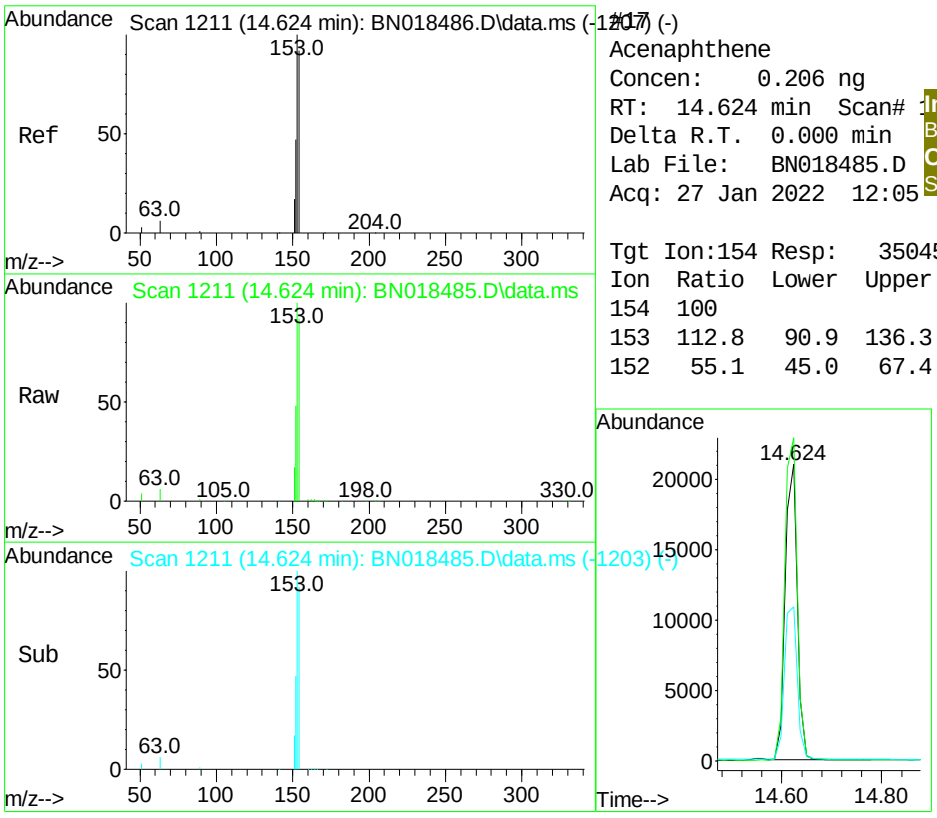


#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:152 Resp: 46786

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.5	15.7



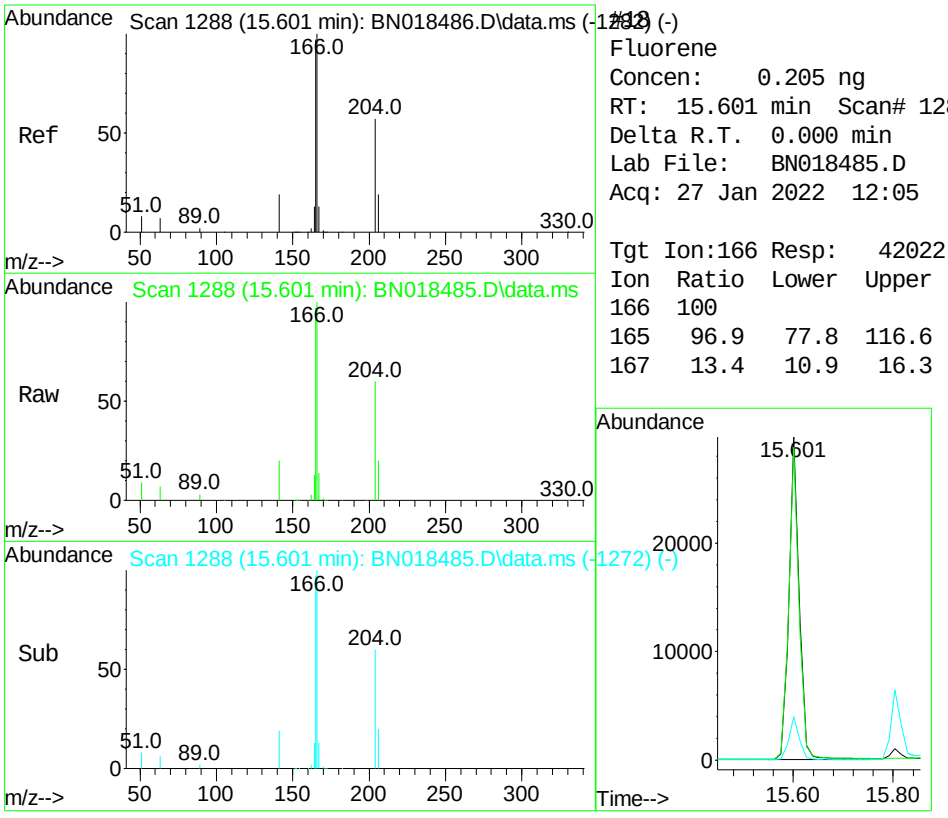


#17
Acenaphthene
Concen: 0.206 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 35045

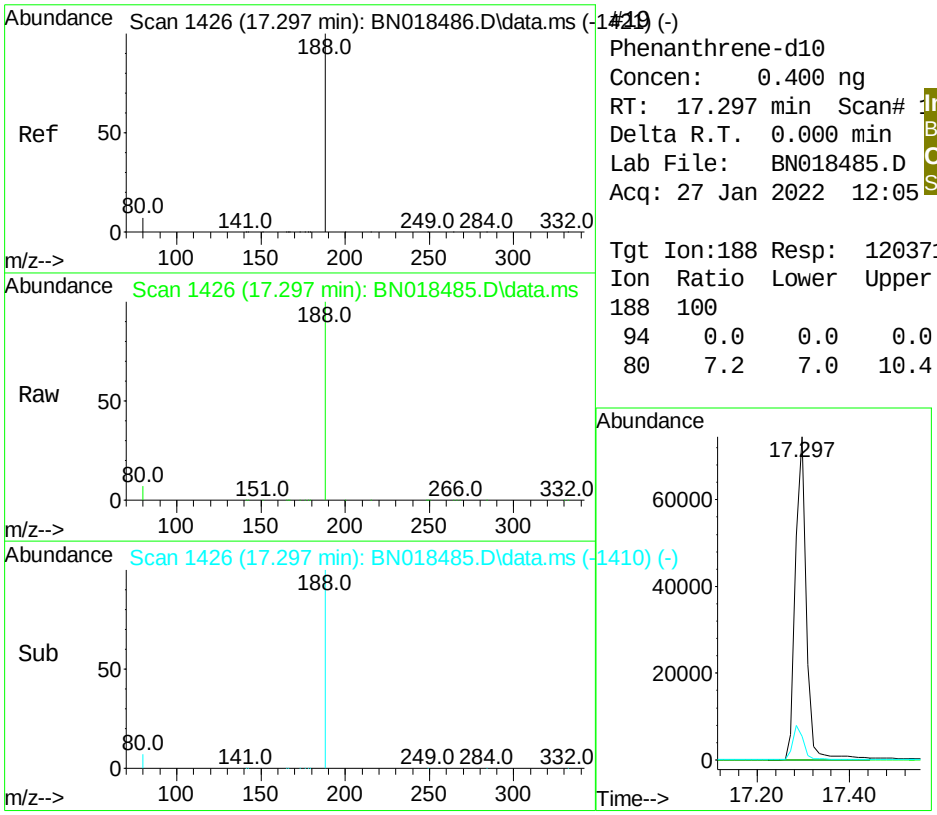
Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.9	136.3
152	55.1	45.0	67.4



#18
Fluorene
Concen: 0.205 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:166 Resp: 42022

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.6
167	13.4	10.9	16.3

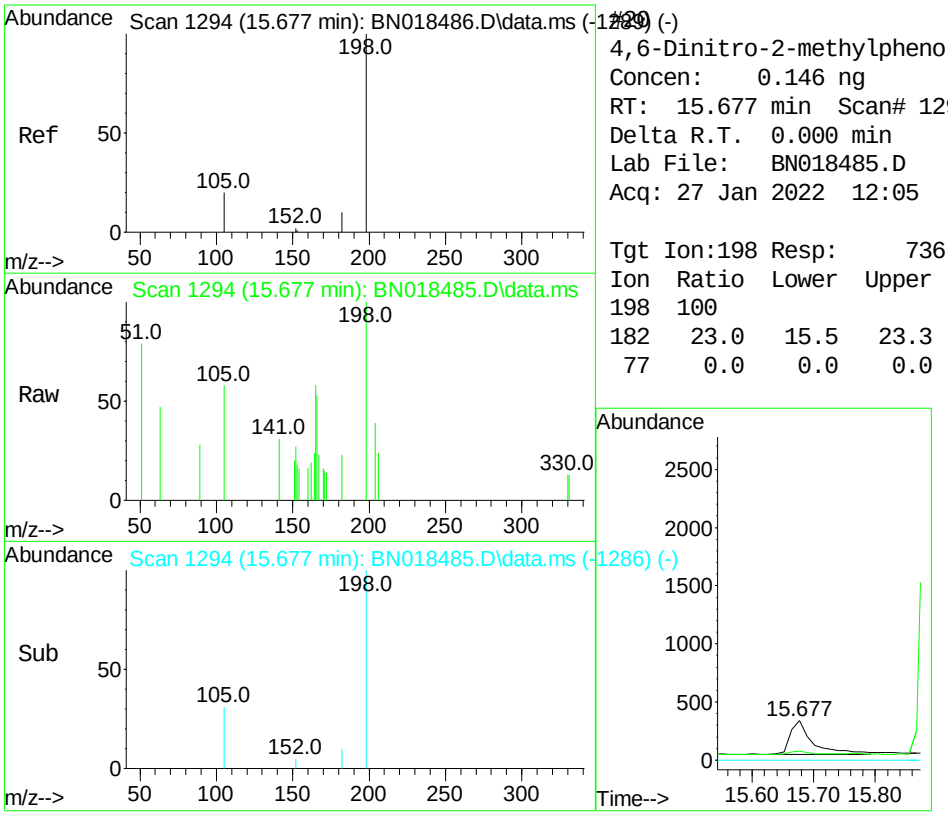


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 120371

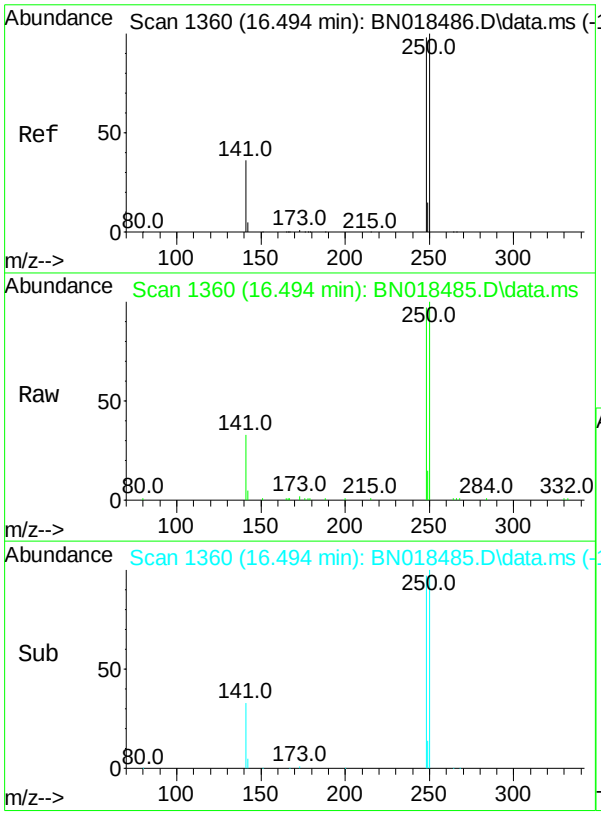
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	7.0	10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.677 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:198 Resp: 736

Ion	Ratio	Lower	Upper
198	100		
182	23.0	15.5	23.3
77	0.0	0.0	0.0

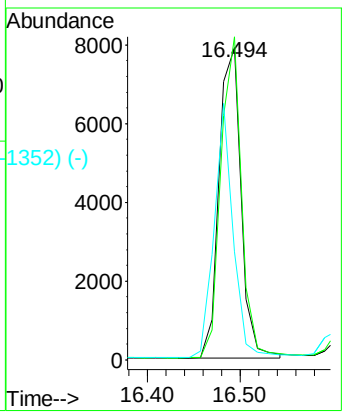


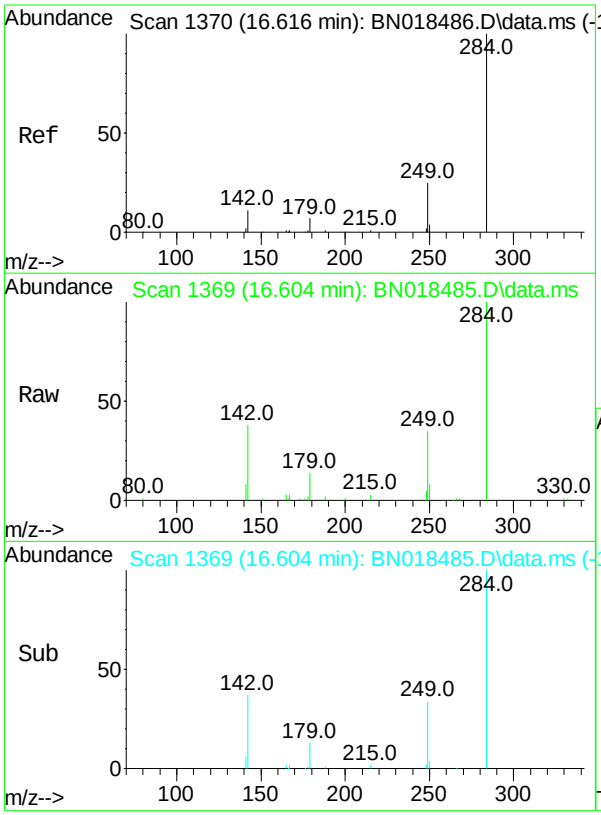
#21
4-Bromophenyl-phenylether
Concen: 0.202 ng
RT: 16.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 13068

Ion	Ratio	Lower	Upper
248	100		
250	103.5	74.4	111.6
141	34.6	43.7	65.5#

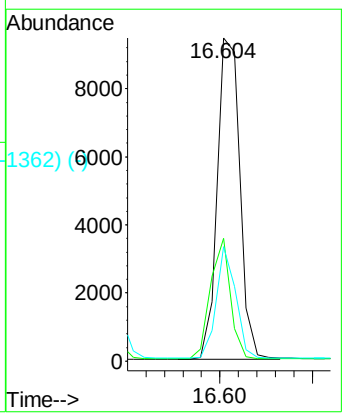


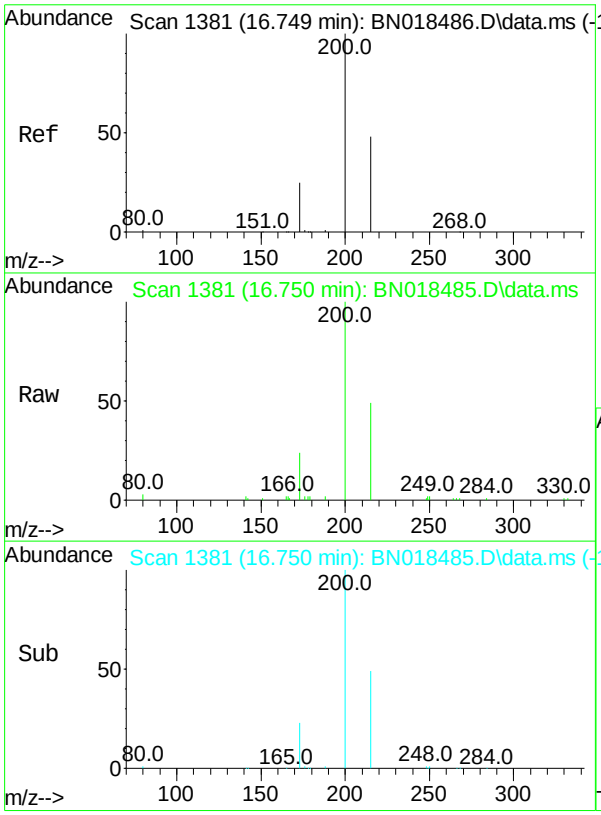


#22
Hexachlorobenzene
Concen: 0.224 ng
RT: 16.604 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:284 Resp: 16000

Ion	Ratio	Lower	Upper
284	100		
142	33.1	21.6	32.4#
249	29.7	23.5	35.3



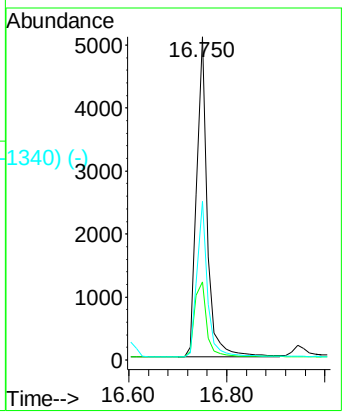


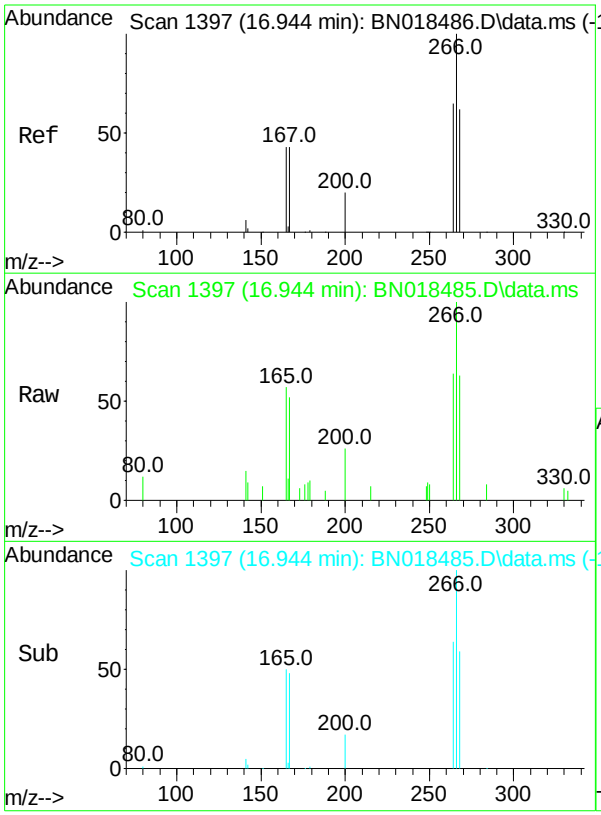
#23
Atrazine
Concen: 0.177 ng
RT: 16.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 7649

Ion	Ratio	Lower	Upper
200	100		
173	24.2	20.3	30.5
215	49.1	40.4	60.6

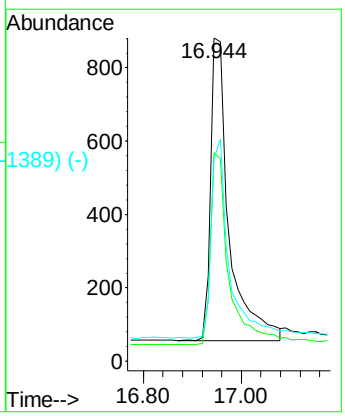


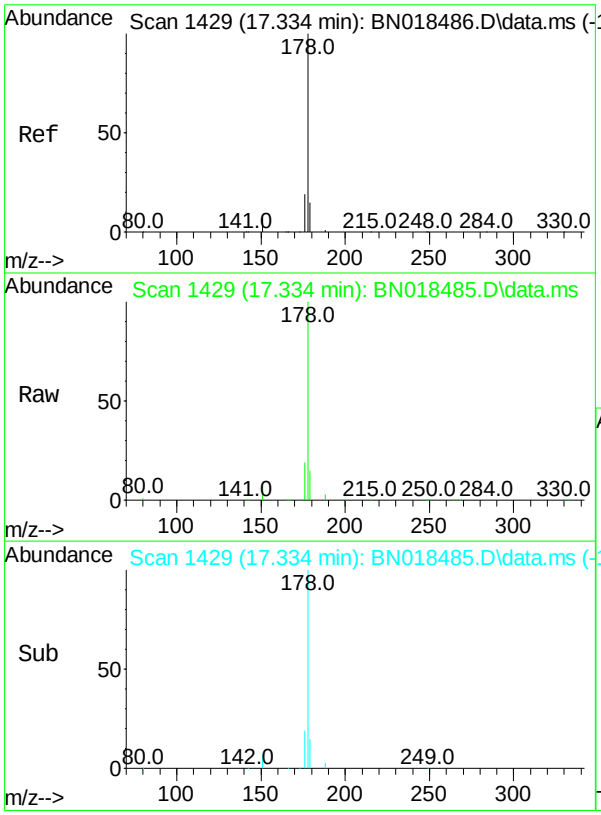


#24
Pentachlorophenol
Concen: 0.094 ng
RT: 16.944 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:266 Resp: 2163

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.5	74.3
268	63.4	50.6	76.0



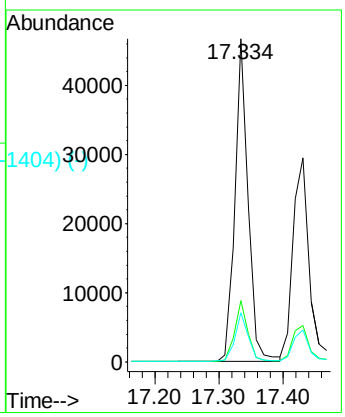


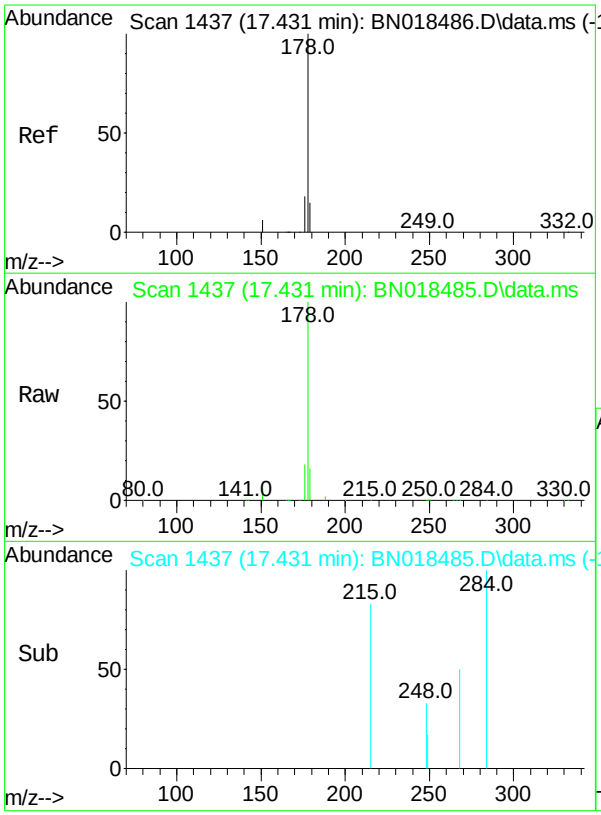
#25
Phenanthrene
Concen: 0.209 ng
RT: 17.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 66688

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

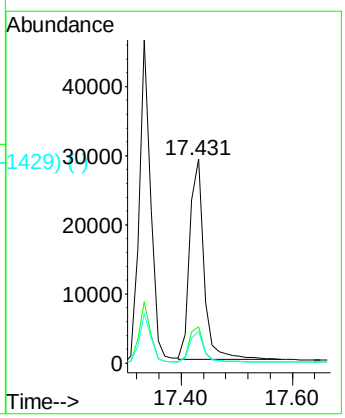


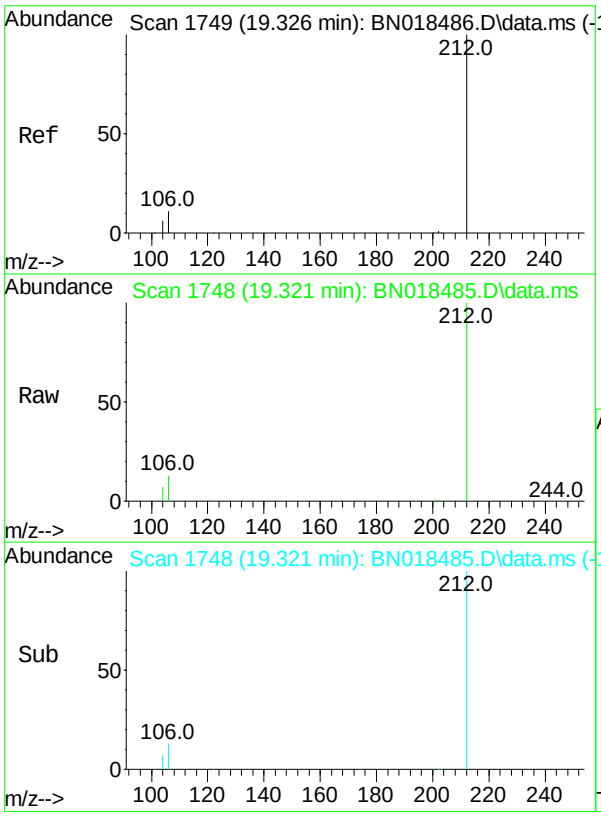


#26
Anthracene
Concen: 0.187 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:178 Resp: 50653

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.4	12.2	18.4



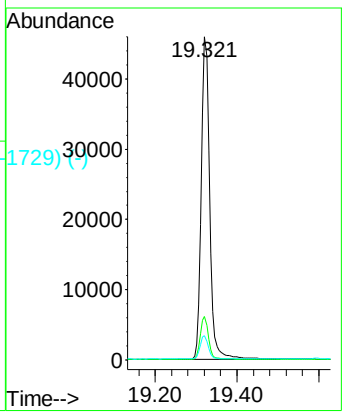


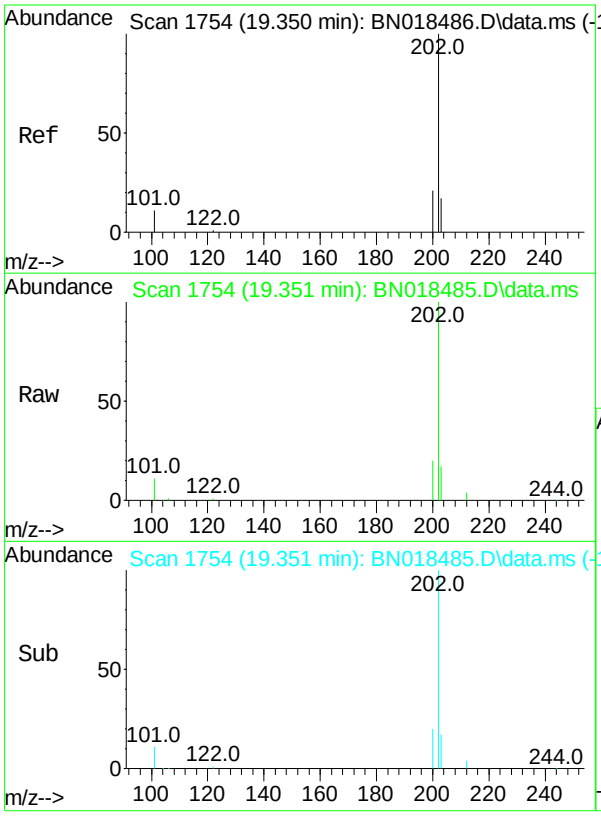
#27
Fluoranthene-d10
Concen: 0.182 ng
RT: 19.321 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 65940

Ion	Ratio	Lower	Upper
212	100		
106	13.1	8.4	12.6#
104	7.2	4.5	6.7#

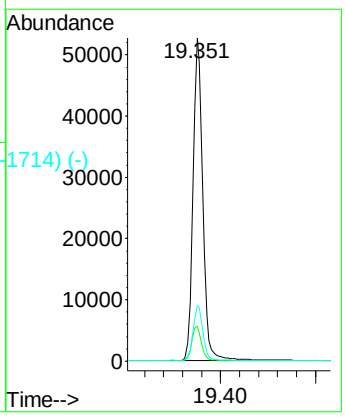


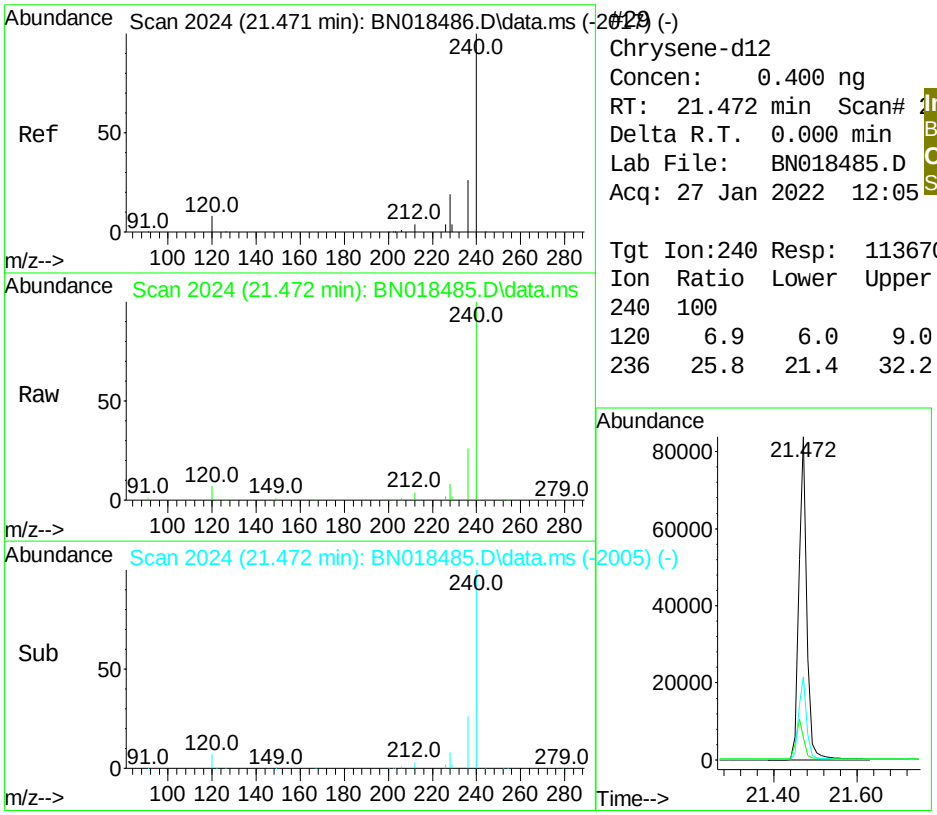


#28
Fluoranthene
Concen: 0.214 ng
RT: 19.351 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:202 Resp: 74598

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.2	10.8#
203	16.9	13.7	20.5



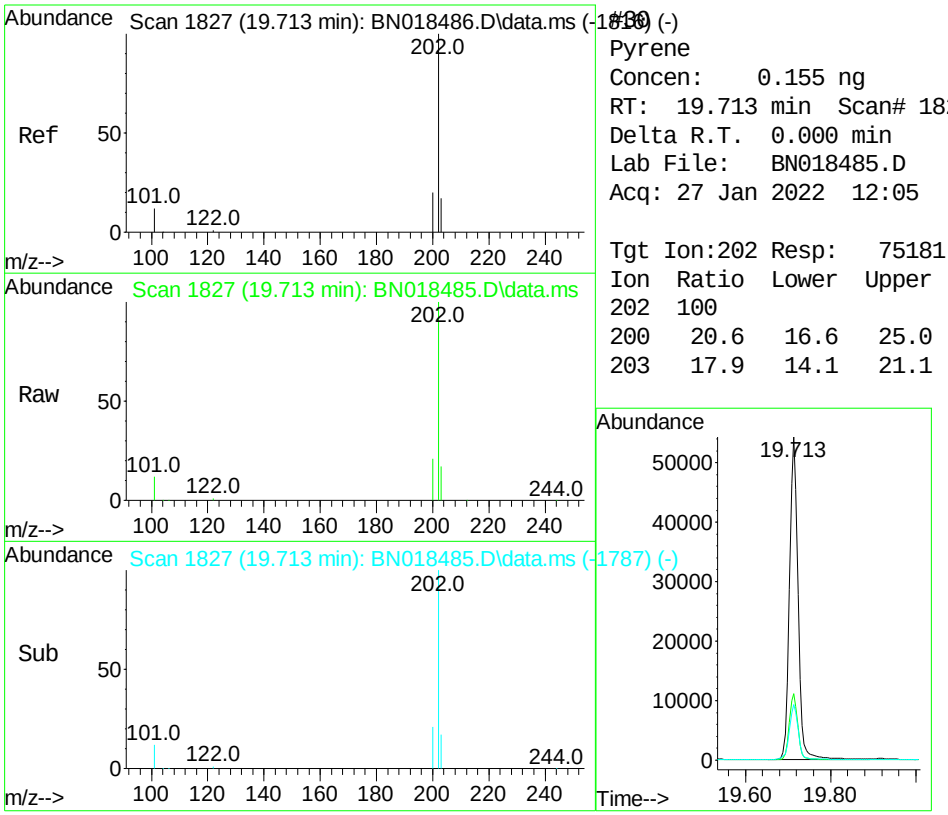


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.472 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 113670

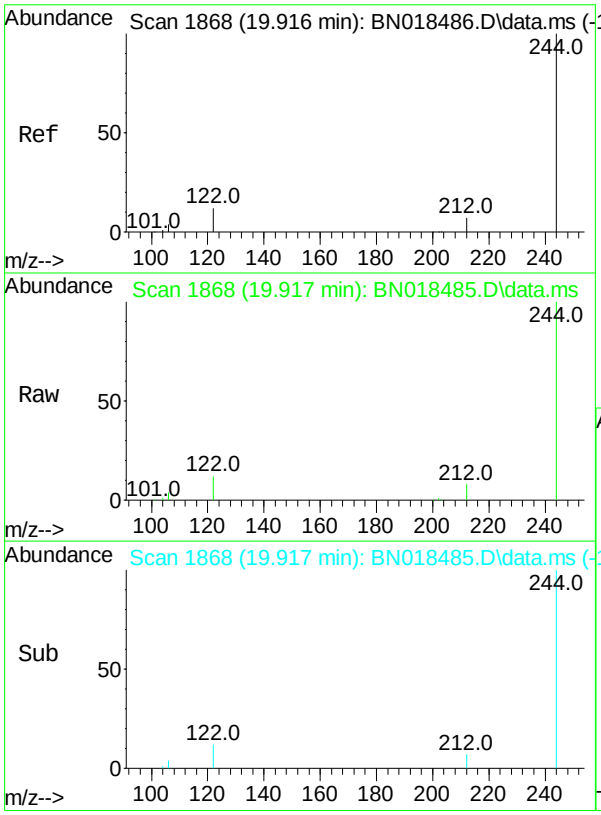
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.0	9.0
236	25.8	21.4	32.2



#30
Pyrene
Concen: 0.155 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:202 Resp: 75181

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.9	14.1	21.1

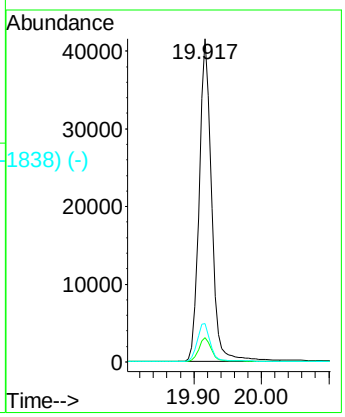


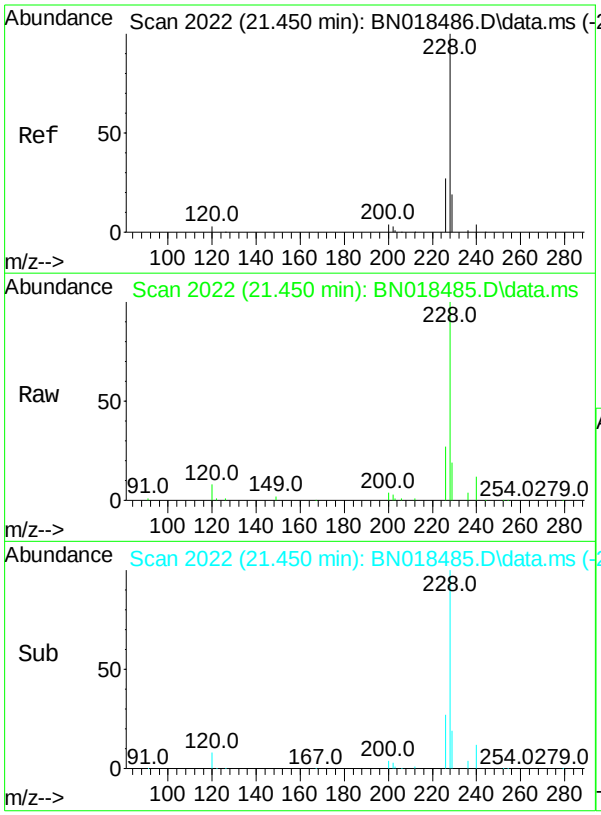
#31
Terphenyl-d14
Concen: 0.162 ng
RT: 19.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 57231

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.9	7.9	11.9#

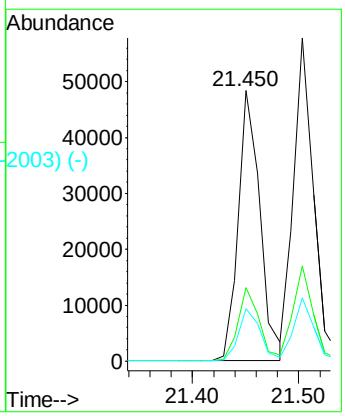


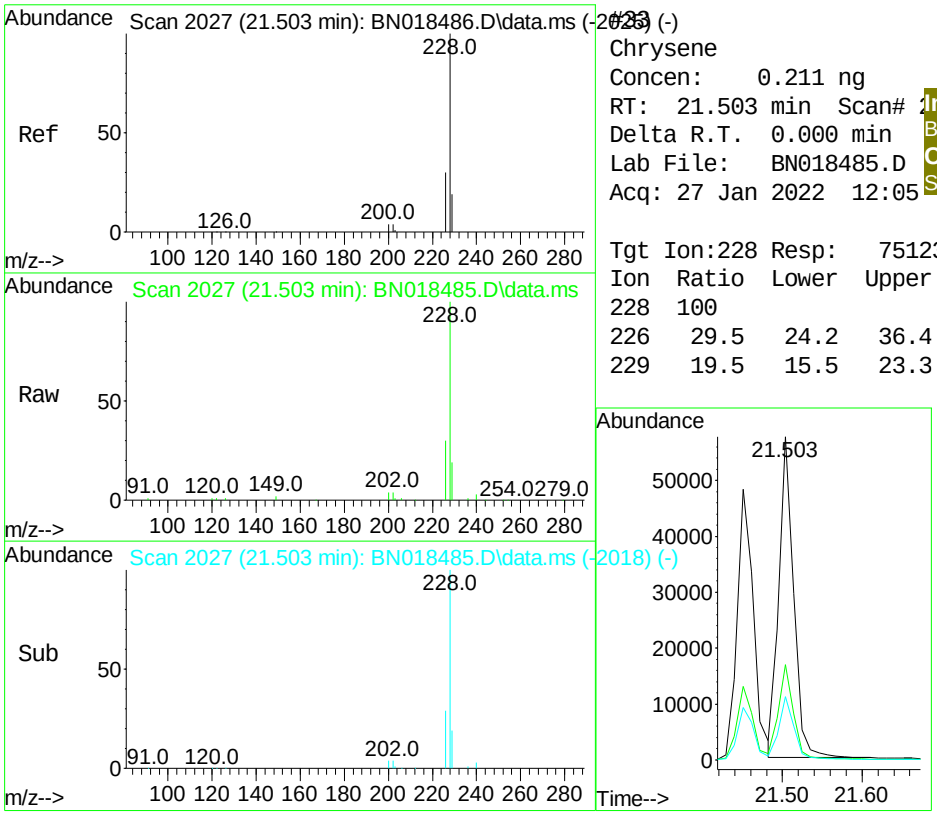


#32
Benzo(a)anthracene
Concen: 0.190 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:228 Resp: 68401

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	19.4	15.9	23.9



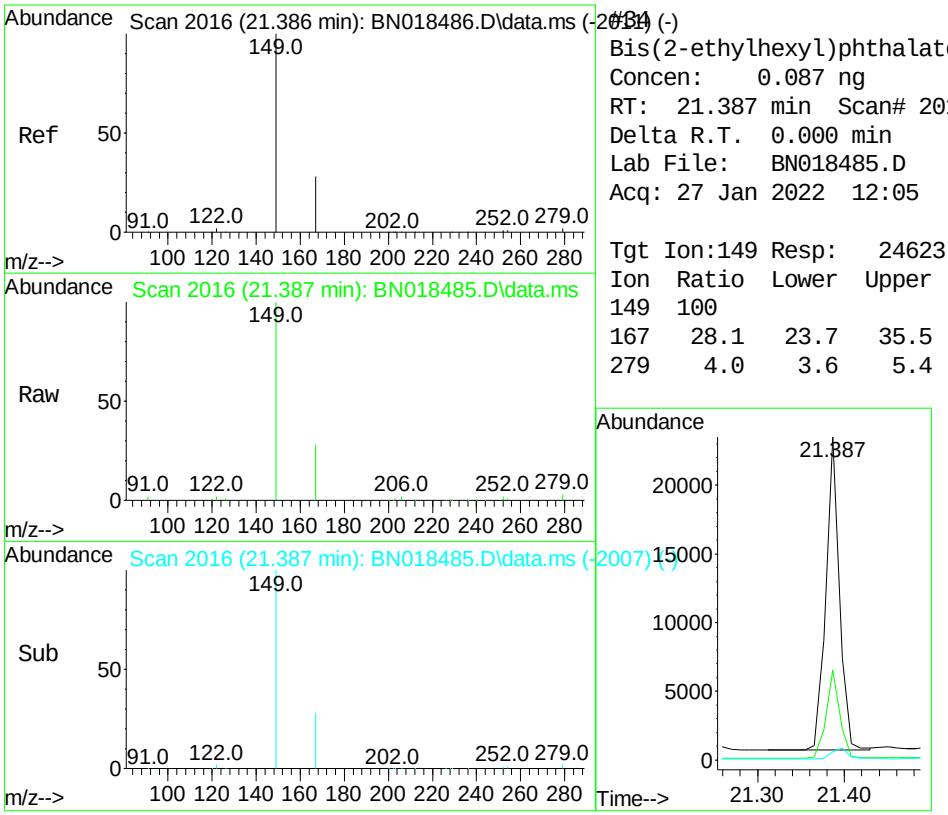


#23
Chrysene
Concen: 0.211 ng
RT: 21.503 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 75123

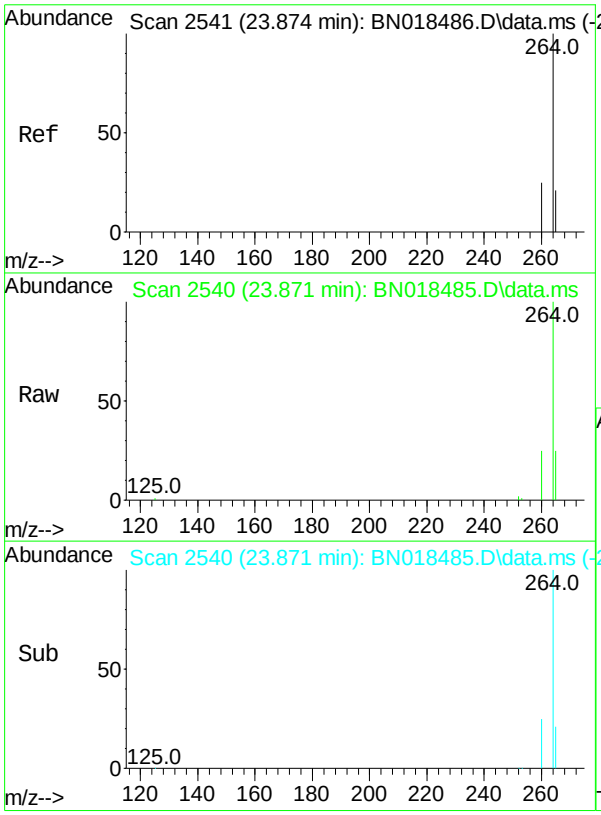
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	19.5	15.5	23.3



#24
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:149 Resp: 24623

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.7	35.5
279	4.0	3.6	5.4

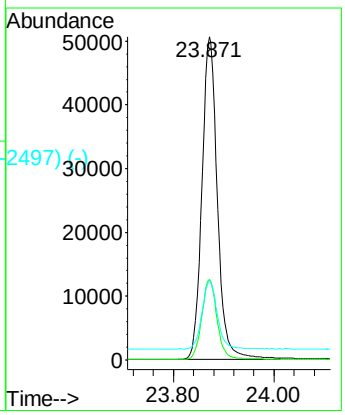


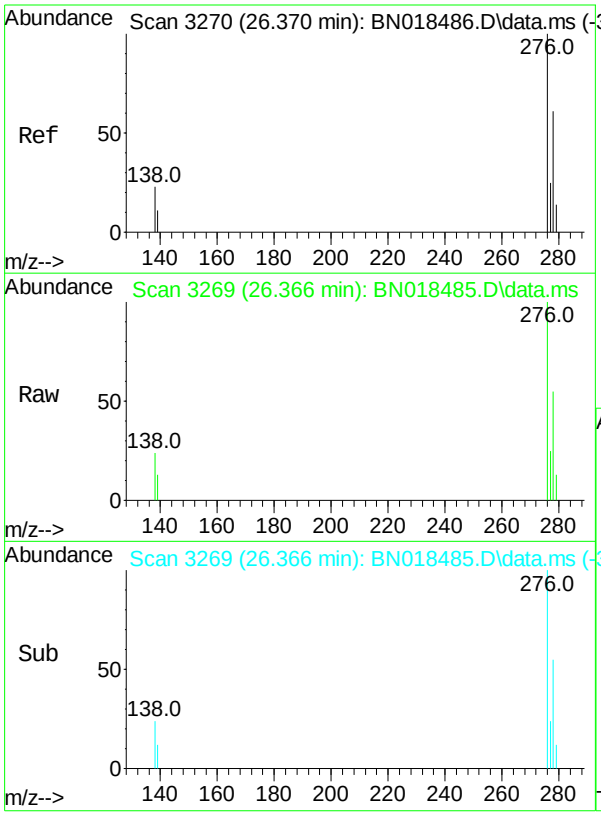
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.871 min Scan# 1
Delta R.T. -0.003 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 108260

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	24.6	18.2	27.2

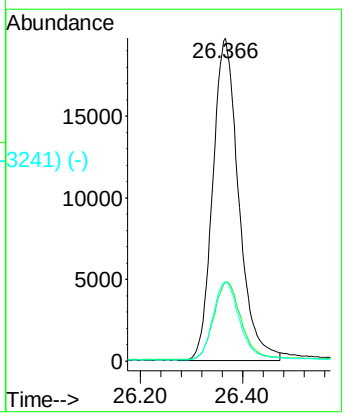


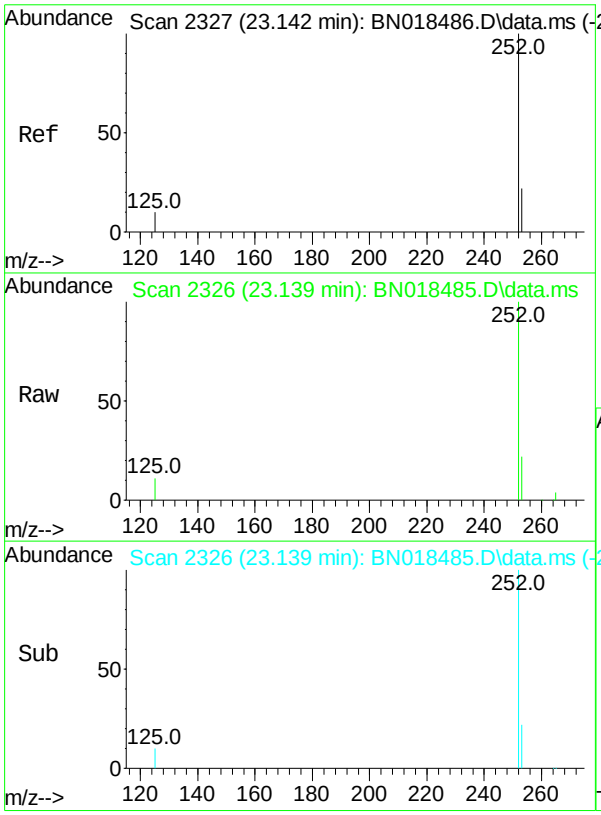


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng
RT: 26.366 min Scan# 3269
Delta R.T. -0.003 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:276 Resp: 69492

Ion	Ratio	Lower	Upper
276	100		
138	25.4	14.9	22.3#
277	24.9	19.9	29.9



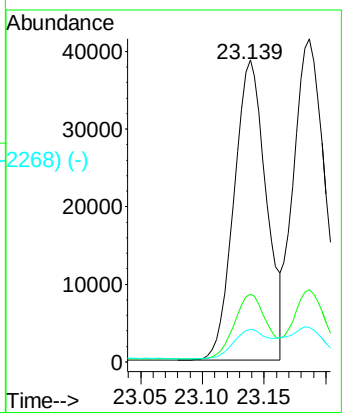


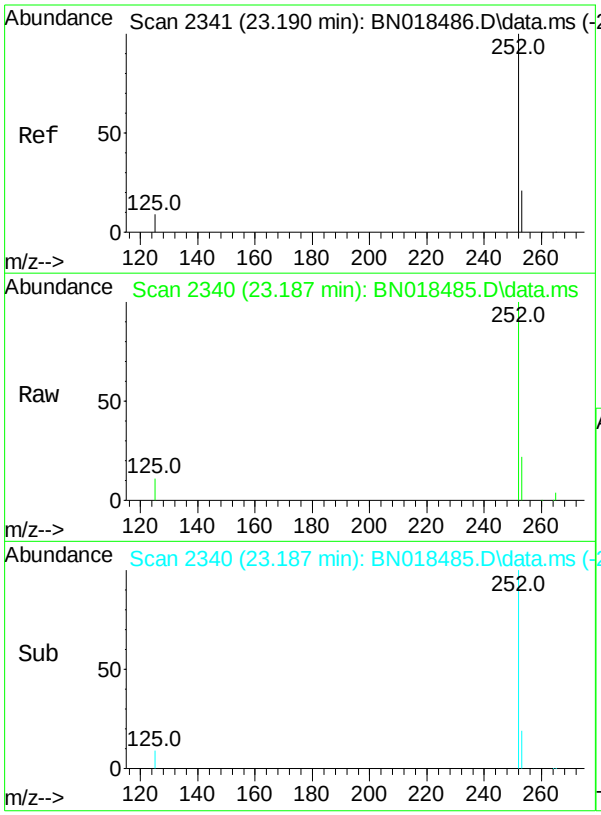
#37
Benzo(b)fluoranthene
Concen: 0.179 ng
RT: 23.139 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 69847

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.9	6.0	9.0#

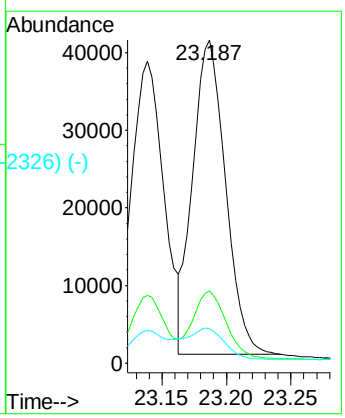


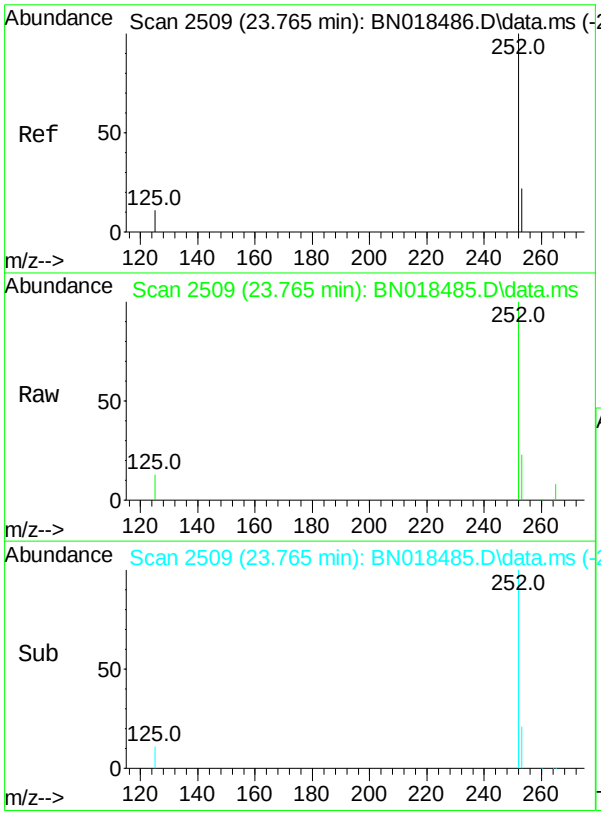


#38
Benzo(k)fluoranthene
Concen: 0.209 ng
RT: 23.187 min Scan# 2340
Delta R.T. -0.003 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:252 Resp: 71607

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.7	6.2	9.2#



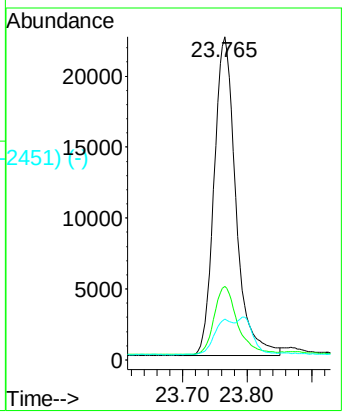


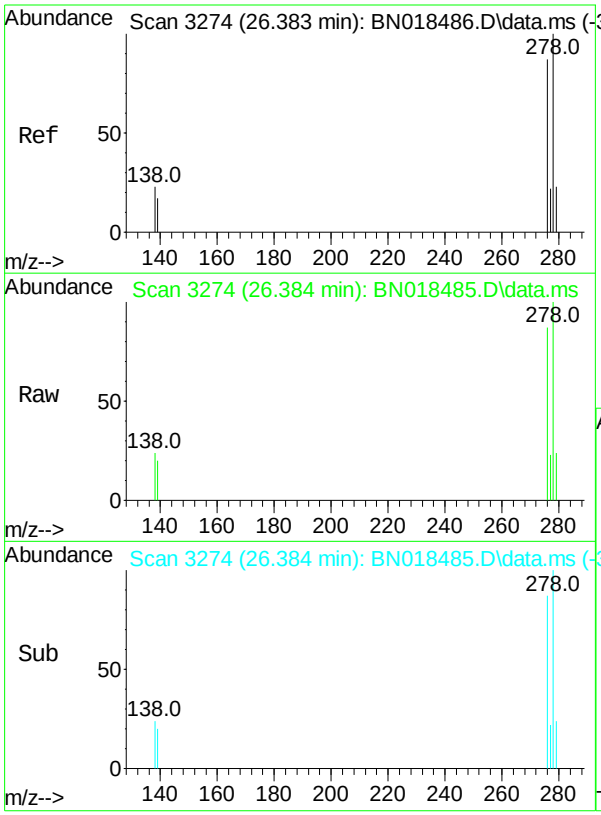
#39
Benzo(a)pyrene
Concen: 0.185 ng
RT: 23.765 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 52773

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.6	7.0	10.4#

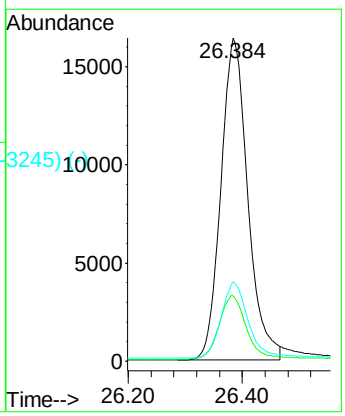


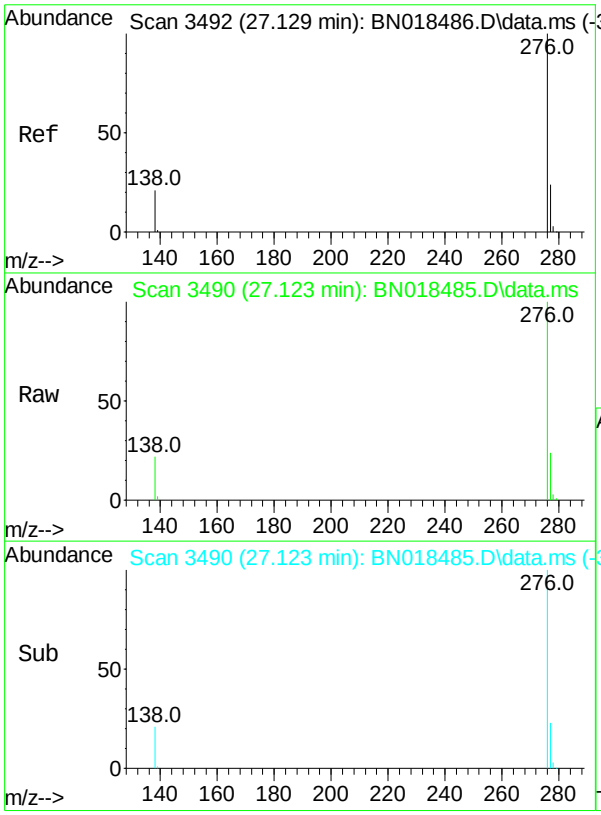


#40
Dibenzo(a,h)anthracene
Concen: 0.421 ng
RT: 26.384 min Scan# 3274
Delta R.T. 0.000 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Tgt Ion:278 Resp: 53467

Ion	Ratio	Lower	Upper
278	100		
139	20.1	10.8	16.2#
279	24.5	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.312 ng
RT: 27.123 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN018485.D
Acq: 27 Jan 2022 12:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 61173

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	21.8	12.6	19.0#