Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018493.D
Acq On : 27 Jan 2022 18:00
Operator : CG/JU
Sample : N1245-04RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Quant Time: Jan 28 03:06:01 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 03:03:43 2022
Response via : Initial Calibration

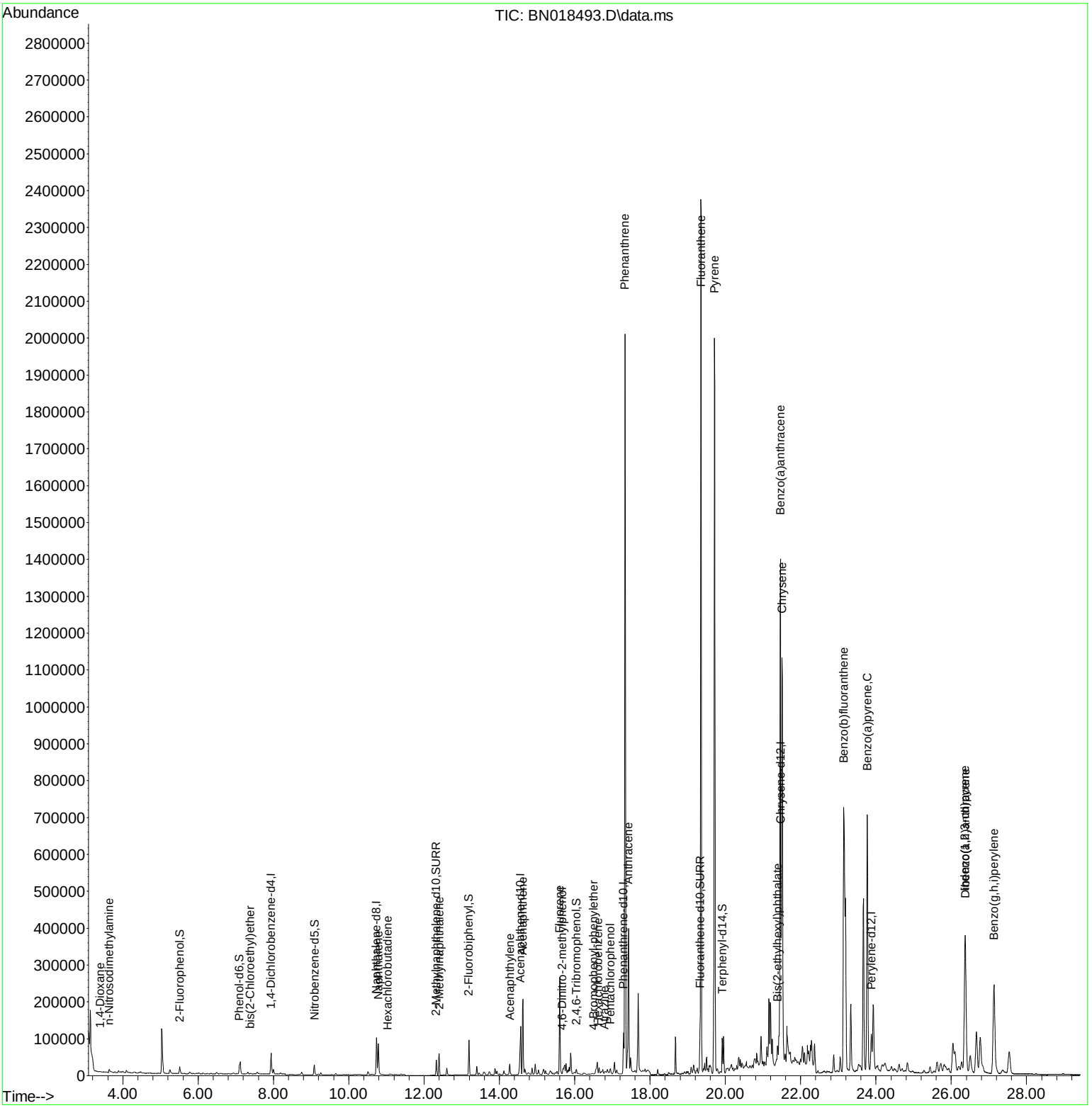
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	29594	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	134351	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	75749	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	147611	0.400	ng		0.00
29) Chrysene-d12	21.471	240	131301	0.400	ng	#	0.00
35) Perylene-d12	23.878	264	140270	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.512	112	19629	0.261	ng		0.03
5) Phenol-d6	7.098	99	21918	0.266	ng		0.02
8) Nitrobenzene-d5	9.088	82	23092	0.249	ng		0.00
11) 2-Methylnaphthalene-d10	12.322	152	56887	0.262	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	6019	0.272	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	78951	0.263	ng		0.00
27) Fluoranthene-d10	19.326	212	110090	0.253	ng		0.00
31) Terphenyl-d14	19.916	244	85952	0.258	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	44	0.002	ng	#	1
3) n-Nitrosodimethylamine	3.640	42	2367	0.077	ng	#	1
6) bis(2-Chloroethyl)ether	7.384	93	271	0.003	ng	#	20
9) Naphthalene	10.786	128	105696	0.300	ng		100
10) Hexachlorobutadiene	11.027	225	2	0.000	ng	#	18
12) 2-Methylnaphthalene	12.398	142	41620	0.176	ng		99
16) Acenaphthylene	14.281	152	29272	0.092	ng	#	96
17) Acenaphthene	14.624	154	116804	0.548	ng		99
18) Fluorene	15.601	166	153948	0.589	ng		98
20) 4,6-Dinitro-2-methylph...	15.664	198	108	0.143	ng	#	1
21) 4-Bromophenyl-phenylether	16.494	248	16	0.000	ng	#	1
22) Hexachlorobenzene	16.616	284	53	0.001	ng	#	1
23) Atrazine	16.786	200	164	0.003	ng	#	1
24) Pentachlorophenol	16.944	266	487	0.335	ng		94
25) Phenanthrene	17.334	178	2100653	4.865	ng		99
26) Anthracene	17.431	178	449663	1.227	ng	#	90
28) Fluoranthene	19.350	202	2208978	4.643	ng	#	97
30) Pyrene	19.713	202	1870249	4.158	ng	#	94
32) Benzo(a)anthracene	21.461	228	1371212	3.143	ng		97
33) Chrysene	21.503	228	1071317	2.423	ng		97
34) Bis(2-ethylhexyl)phtha...	21.386	149	41214	0.233	ng		95
36) Indeno(1,2,3-cd)pyrene	26.366	276	628472	1.246	ng		97
37) Benzo(b)fluoranthene	23.145	252	1436205	2.974	ng	#	96
39) Benzo(a)pyrene	23.768	252	1026001	2.655	ng	#	97
40) Dibenzo(a,h)anthracene	26.376	278	188771	0.480	ng	#	90
41) Benzo(g,h,i)perylene	27.133	276	555772	1.266	ng	#	94

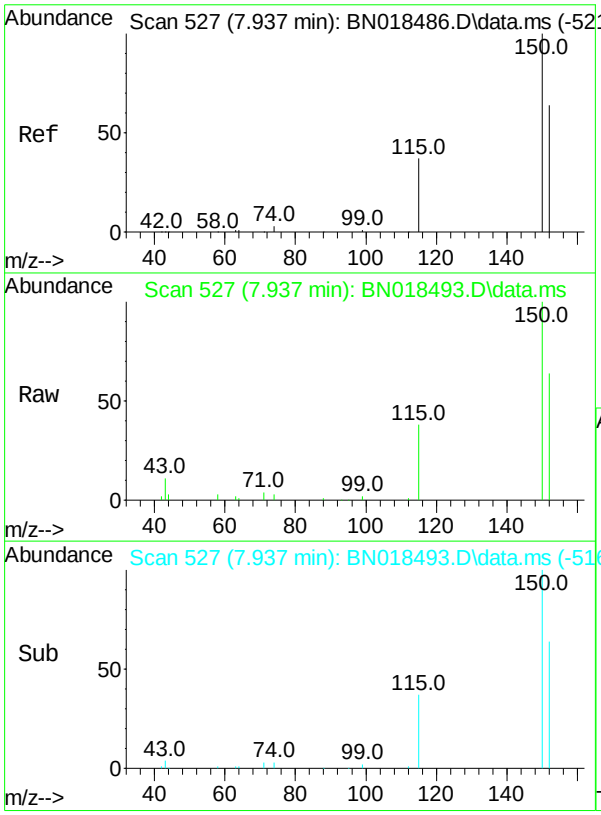
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018493.D
Acq On : 27 Jan 2022 18:00
Operator : CG/JU
Sample : N1245-04RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Quant Time: Jan 28 03:06:01 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 03:03:43 2022
Response via : Initial Calibration



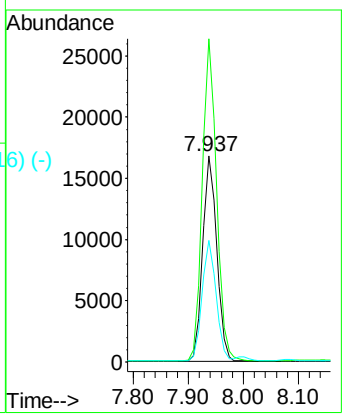


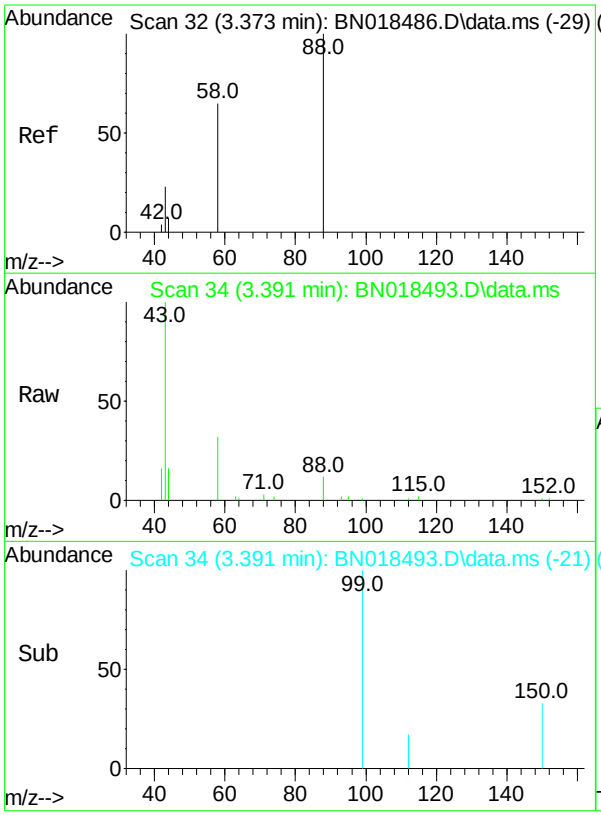
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:152 Resp: 29594

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.7	182.5
115	58.8	43.8	65.8

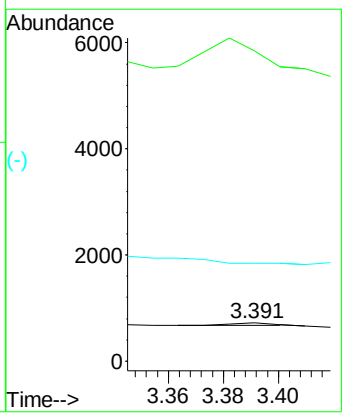


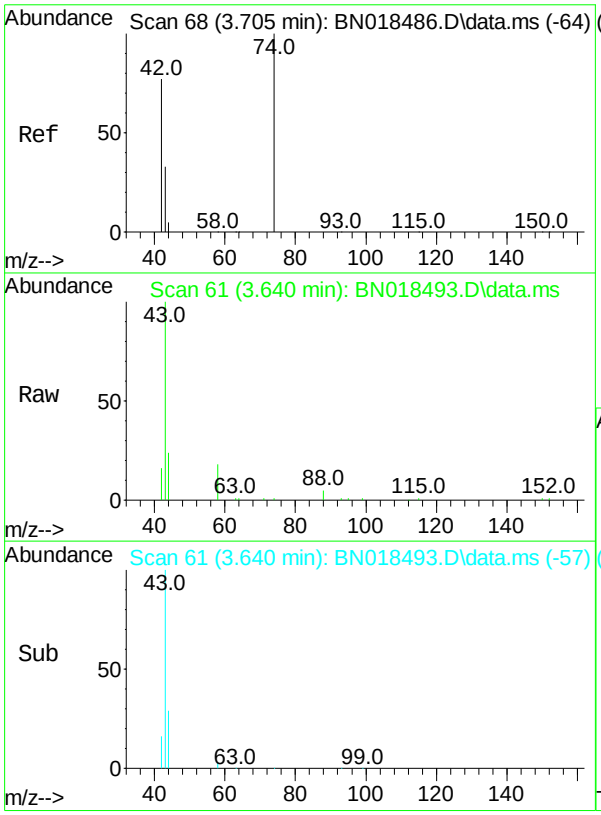


#2
1,4-Dioxane
Concen: 0.002 ng
RT: 3.391 min Scan# 34
Delta R.T. 0.018 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	1550.0	69.7	104.5#
58	0.0	83.8	125.8#



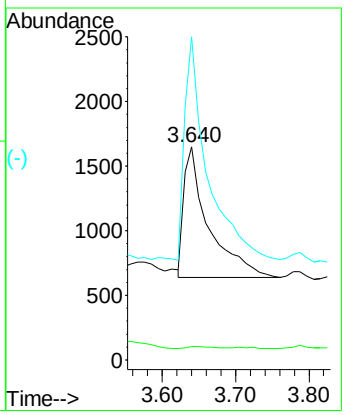


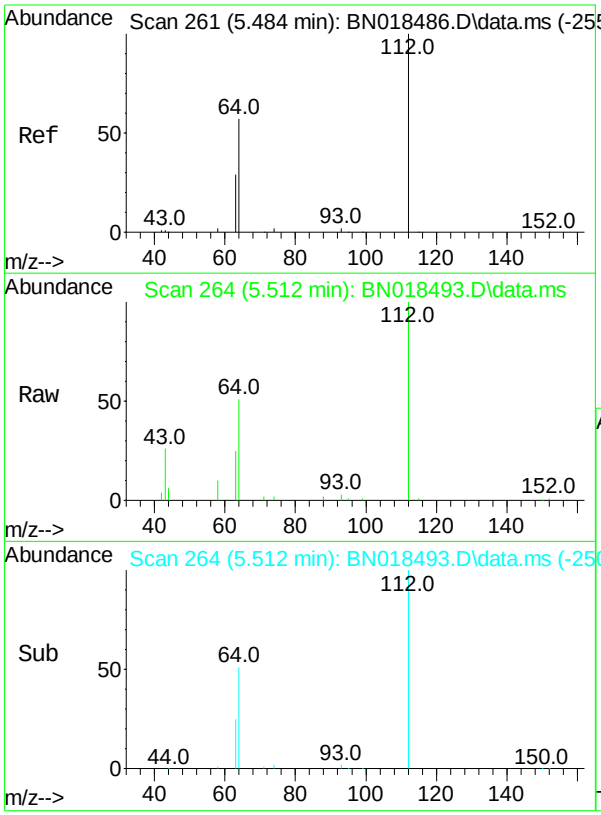
#3
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 3.640 min Scan# 4
Delta R.T. -0.065 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion: 42 Resp: 2367

Ion	Ratio	Lower	Upper
42	100		
74	1.3	108.6	163.0#
44	157.4	5.8	8.8#

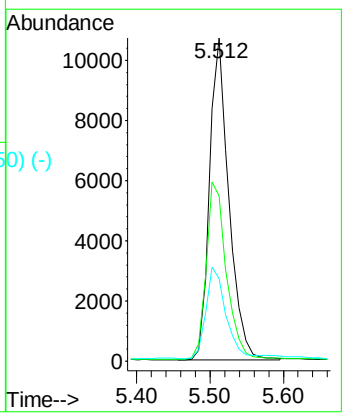


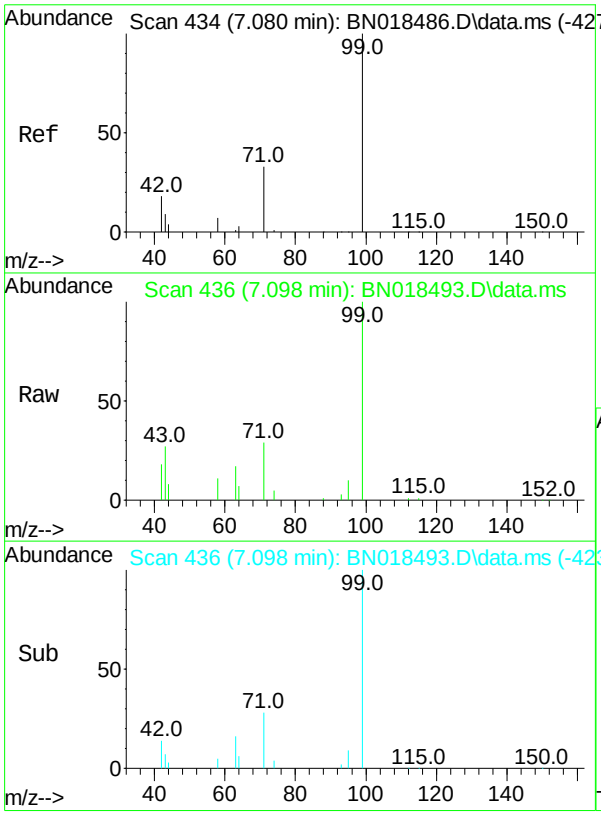


#4
2-Fluorophenol
Concen: 0.261 ng
RT: 5.512 min Scan# 264
Delta R.T. 0.028 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:112 Resp: 19629

Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.0	72.0
63	30.1	25.3	37.9



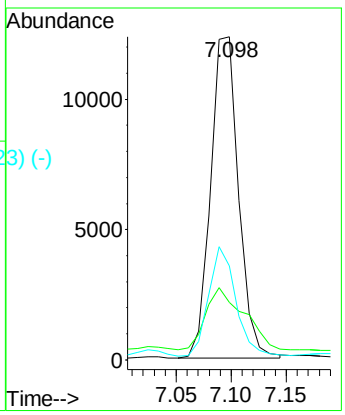


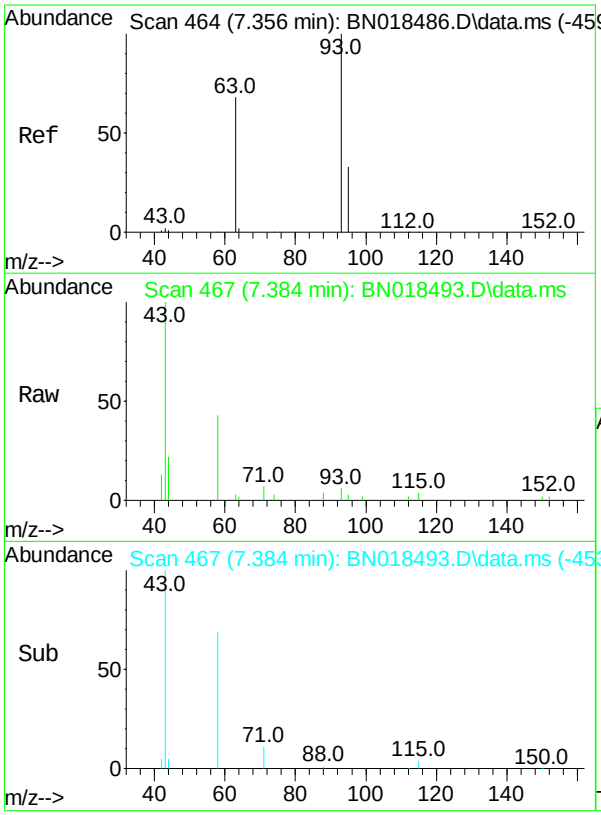
#5
Phenol-d6
Concen: 0.266 ng
RT: 7.098 min Scan# 4
Delta R.T. 0.018 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion: 99 Resp: 21918

Ion	Ratio	Lower	Upper
99	100		
42	25.8	16.3	24.5#
71	33.1	26.8	40.2

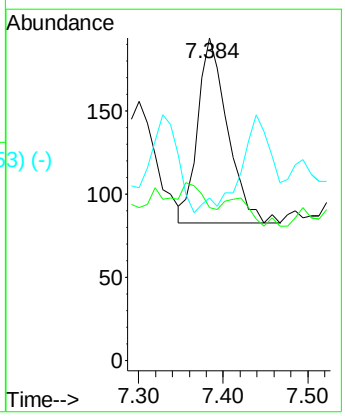


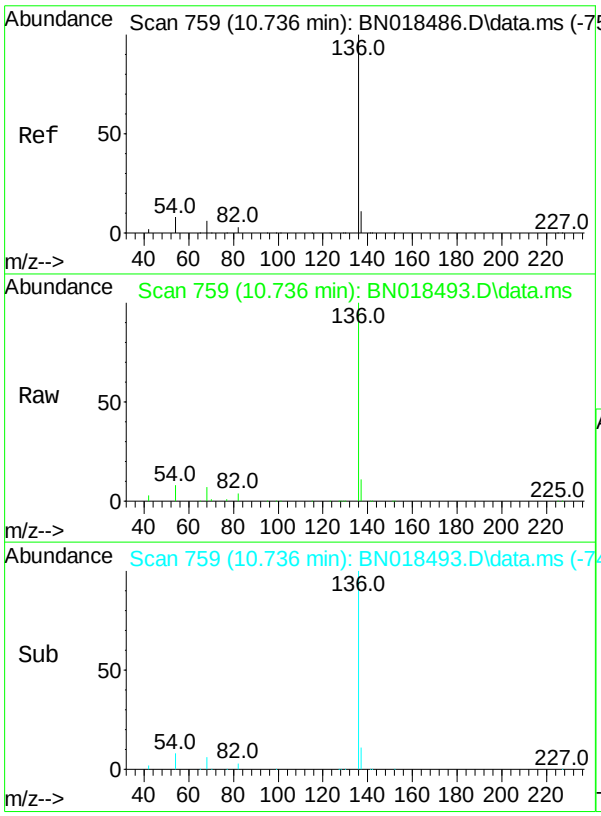


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.384 min Scan# 467
Delta R.T. 0.028 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion: 93 Resp: 271

Ion	Ratio	Lower	Upper
93	100		
63	0.0	61.7	92.5#
95	0.0	26.2	39.4#



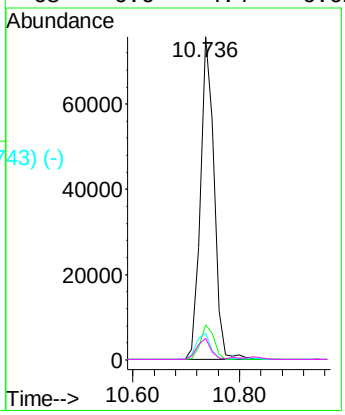


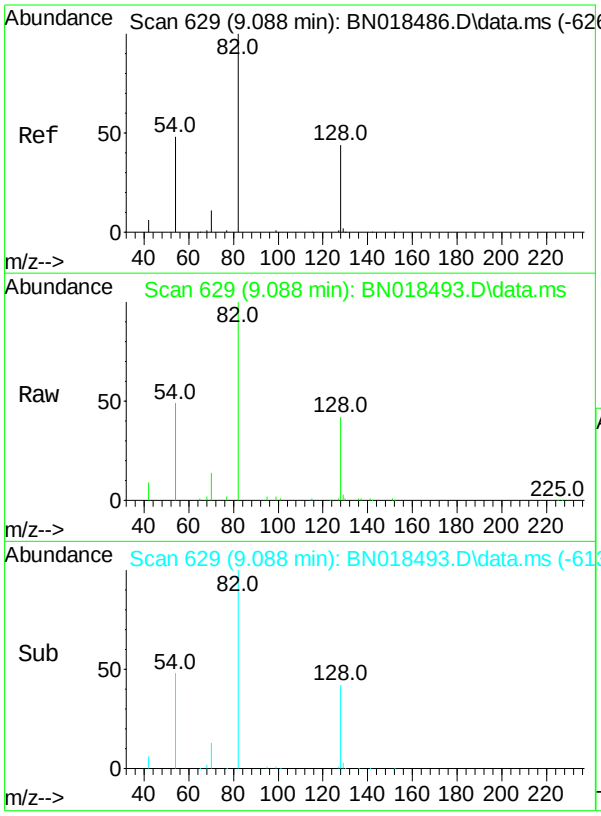
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.736 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:136 Resp: 134351

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	5.0	7.6#
68	6.6	4.4	6.6#

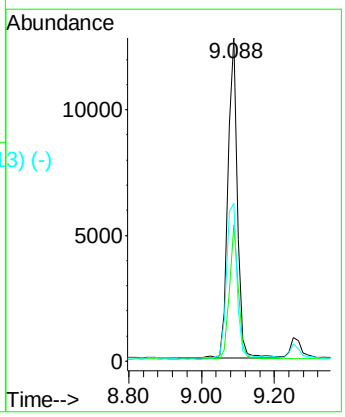


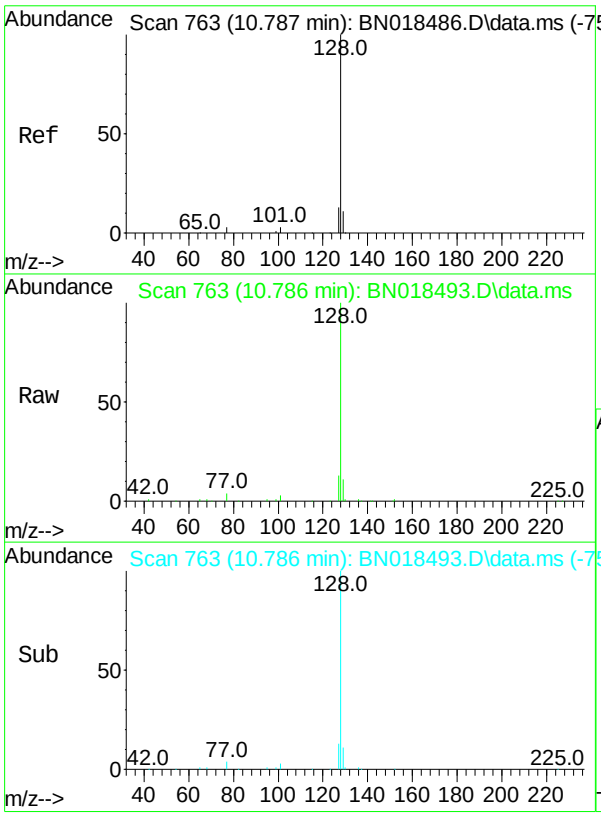


#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.088 min Scan# 629
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion: 82 Resp: 23092

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.7	50.5
54	49.0	36.6	55.0



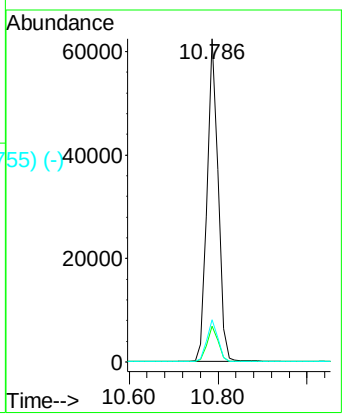


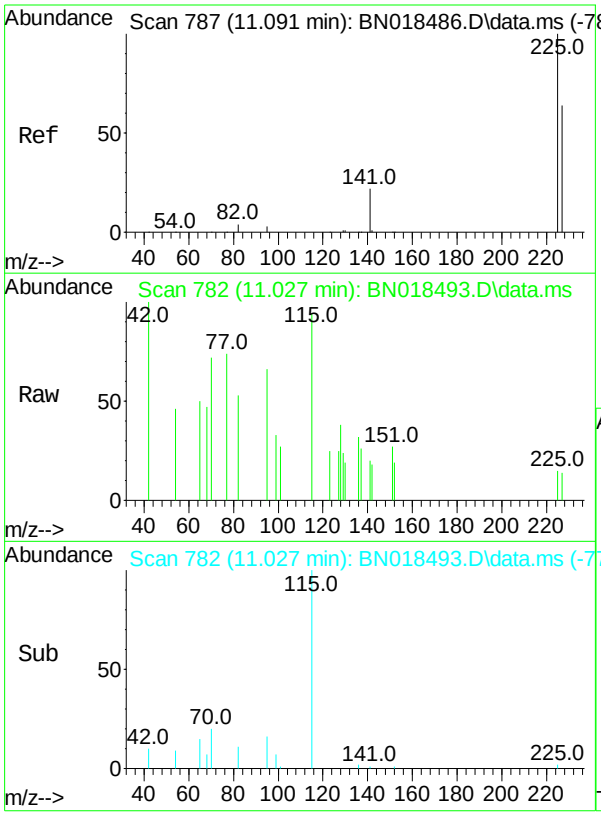
#9
Naphthalene
Concen: 0.300 ng
RT: 10.786 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:128 Resp: 105696

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

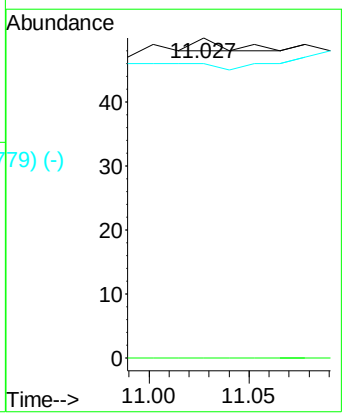


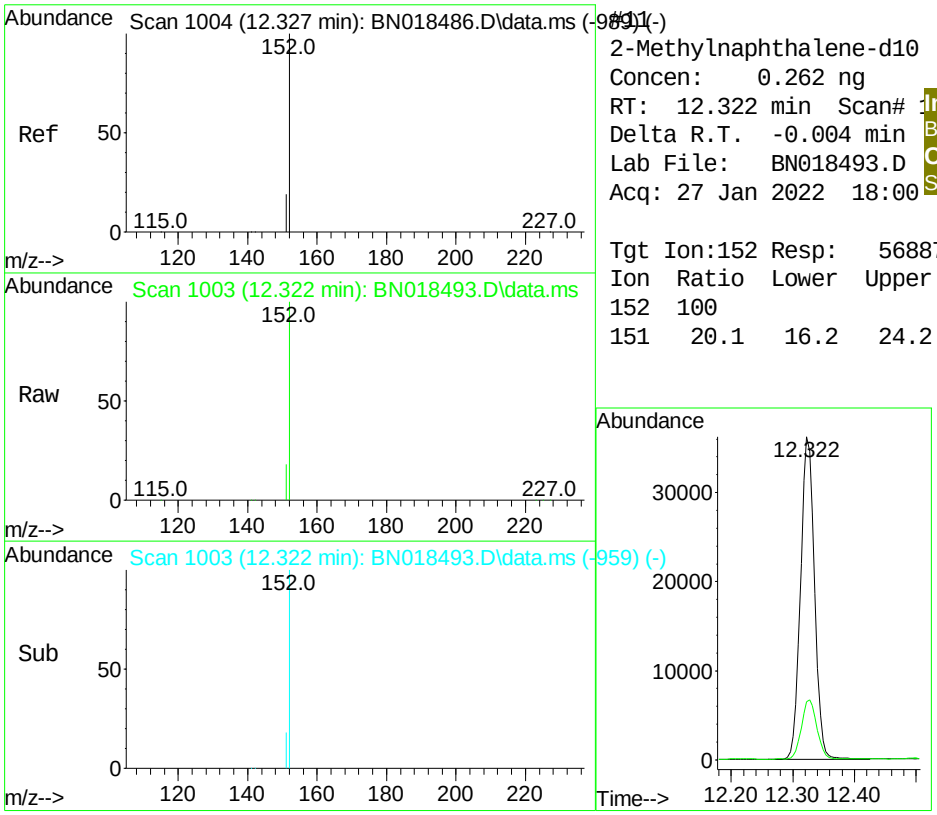


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.027 min Scan# 782
Delta R.T. -0.063 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:225 Resp: 2

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



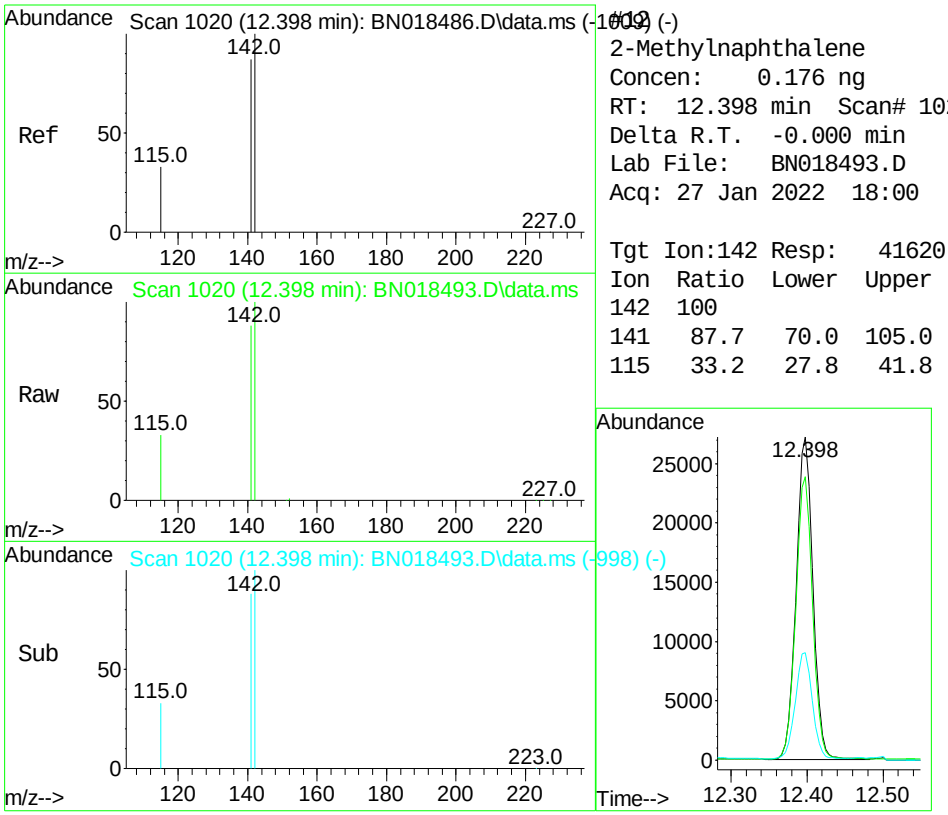


#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.322 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:152 Resp: 56887

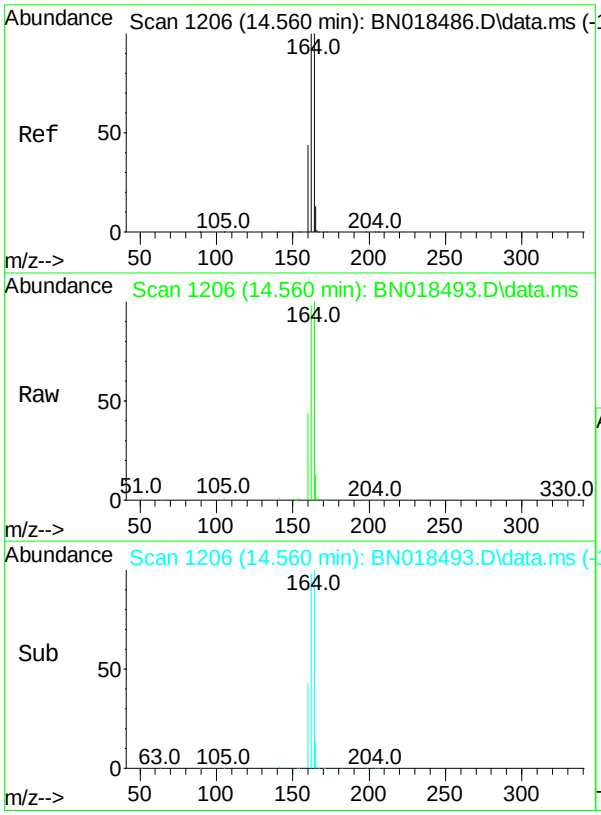
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2



#12
2-Methylnaphthalene
Concen: 0.176 ng
RT: 12.398 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:142 Resp: 41620

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.0	105.0
115	33.2	27.8	41.8

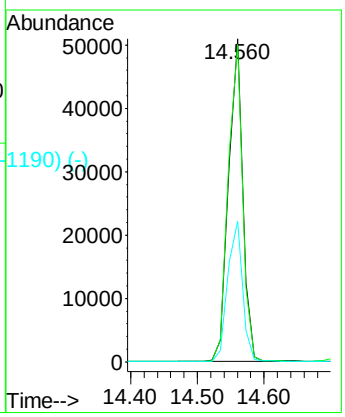


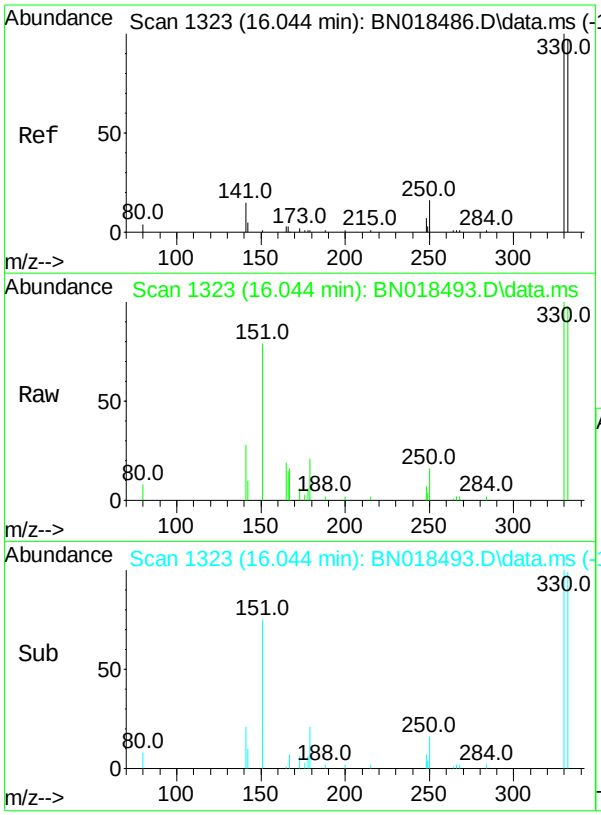
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:164 Resp: 75749

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	43.6	36.9	55.3

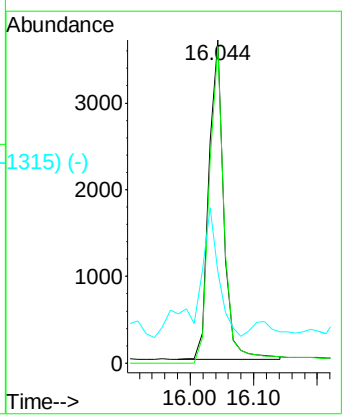


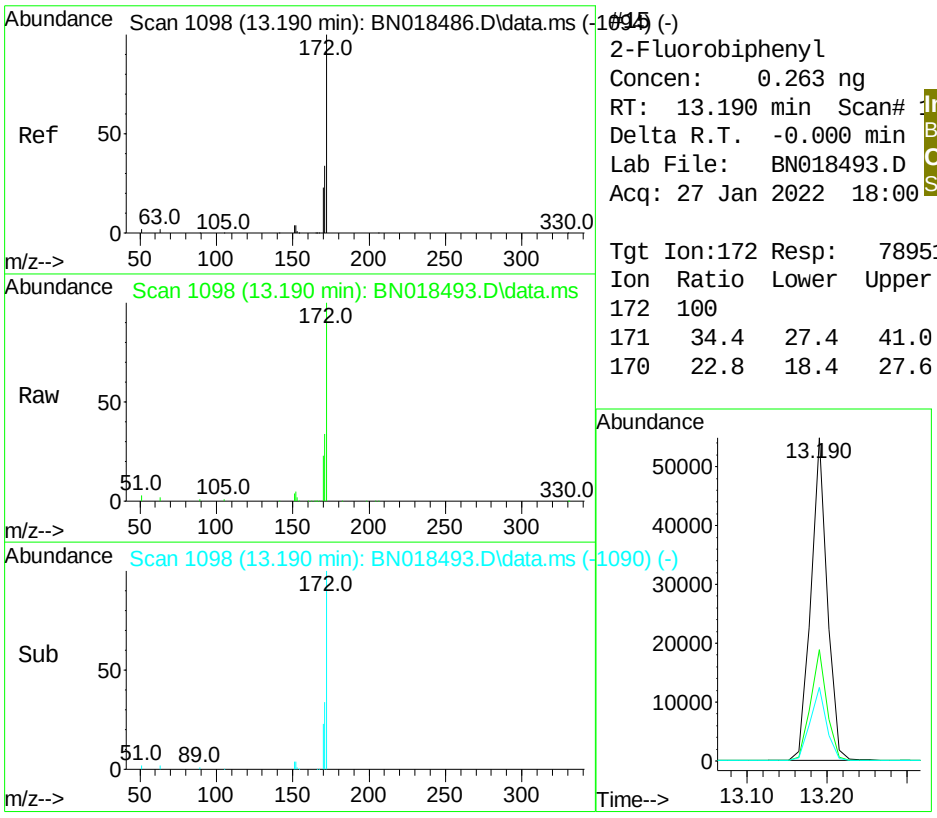


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 16.044 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:330 Resp: 6019

Ion	Ratio	Lower	Upper
330	100		
332	102.2	0.0	0.0#
141	47.0	21.3	31.9#



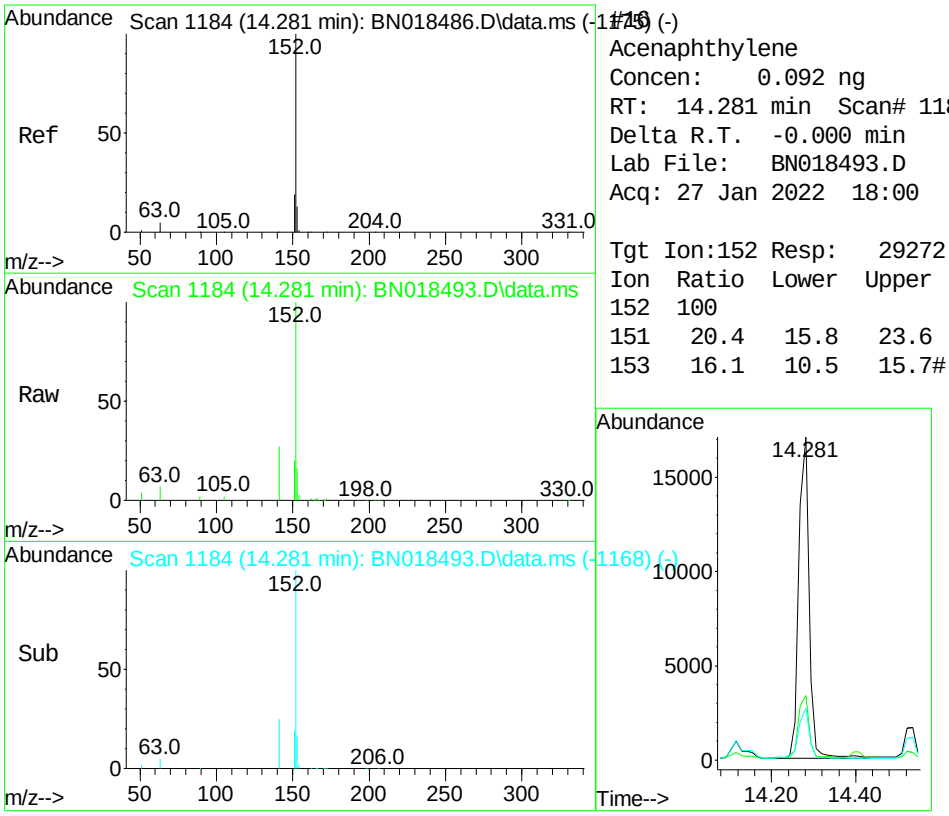


#14
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.190 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:172 Resp: 78951

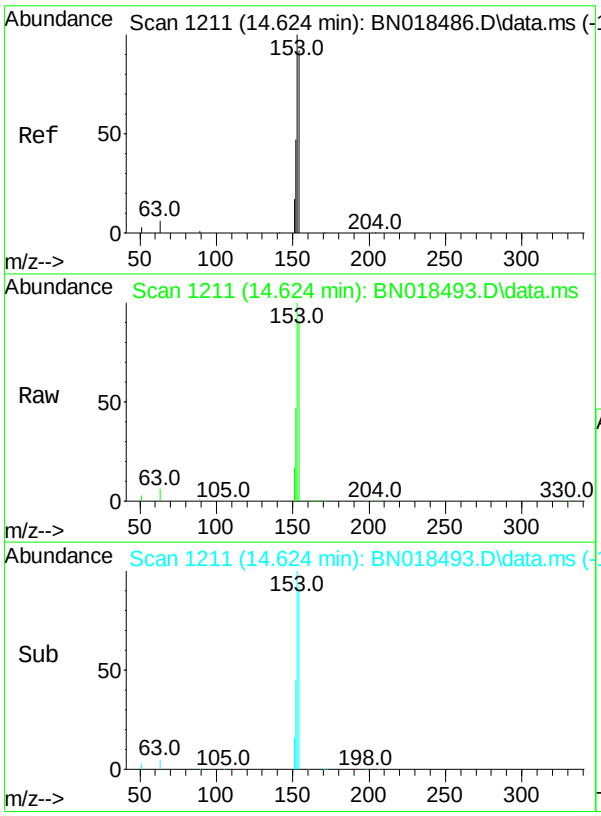
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	22.8	18.4	27.6



#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.281 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:152 Resp: 29272

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	16.1	10.5	15.7#

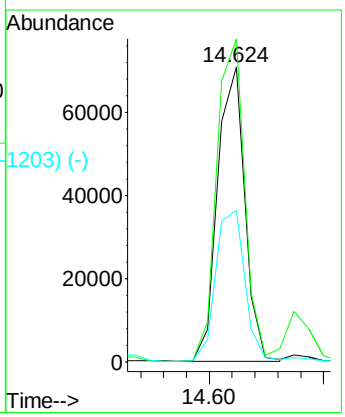


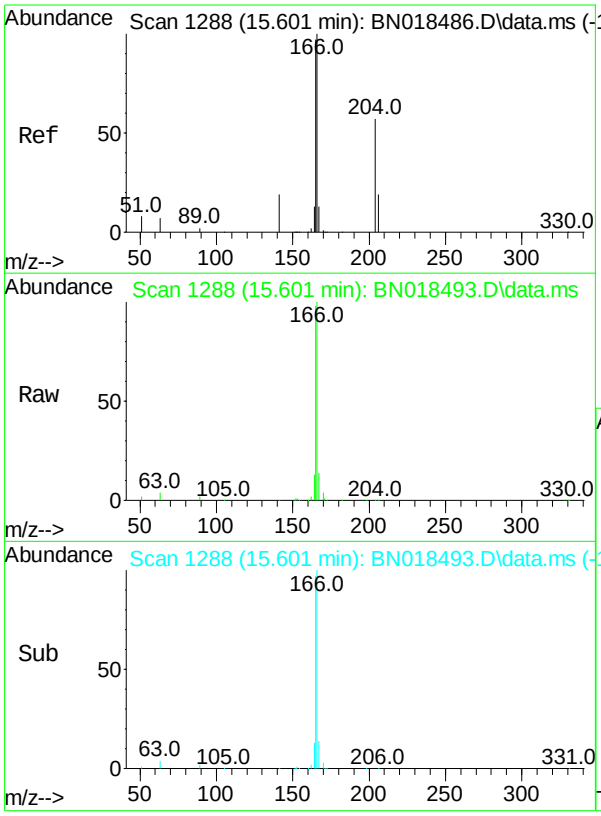
#17
Acenaphthene
Concen: 0.548 ng
RT: 14.624 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:154 Resp: 116804

Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.9	136.3
152	56.2	45.0	67.4

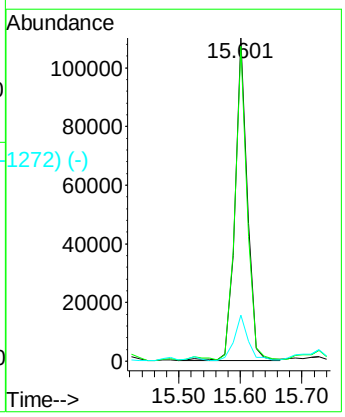


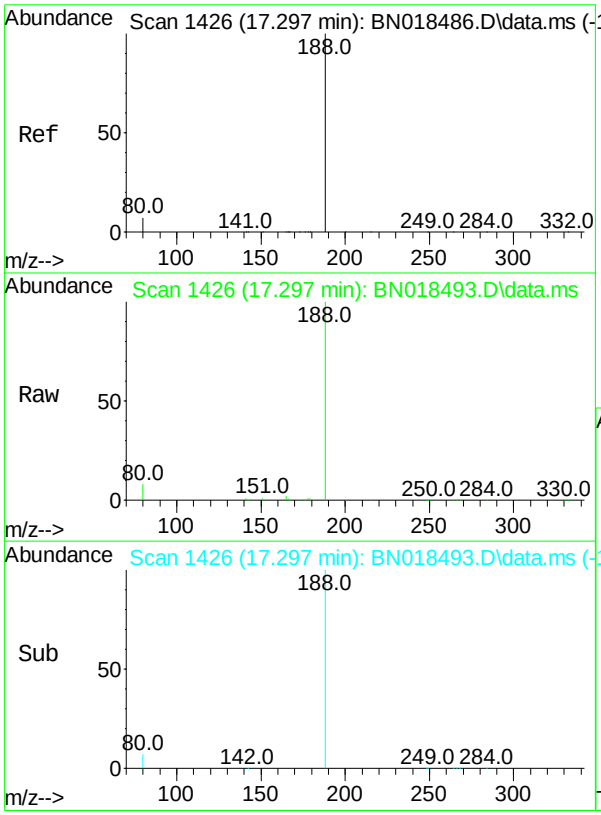


#18
Fluorene
Concen: 0.589 ng
RT: 15.601 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:166 Resp: 153948

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.8	116.6
167	15.7	10.9	16.3



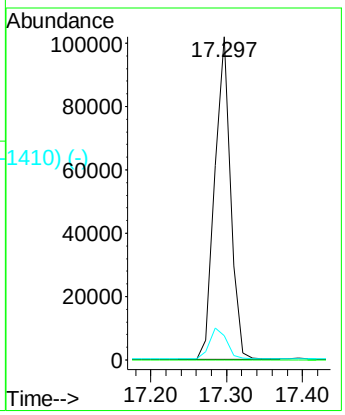


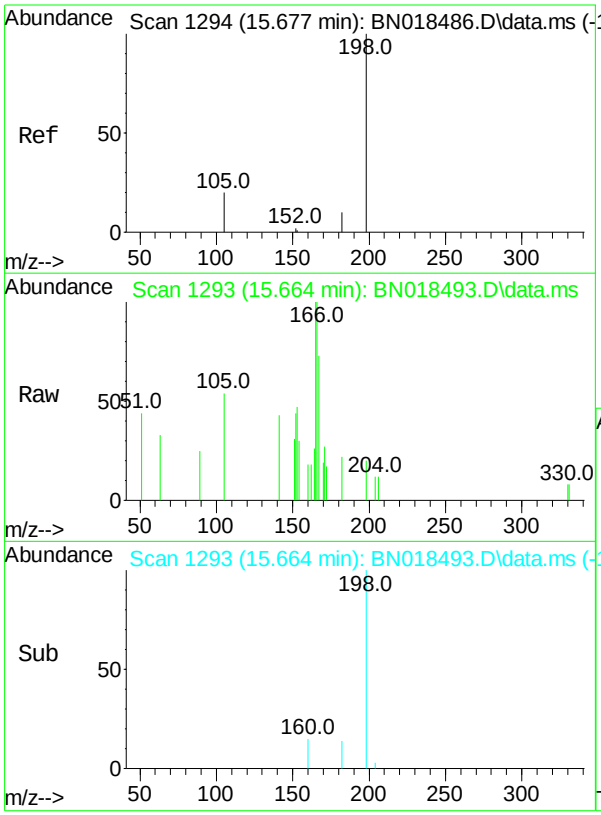
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:188 Resp: 147611

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	7.0	10.4

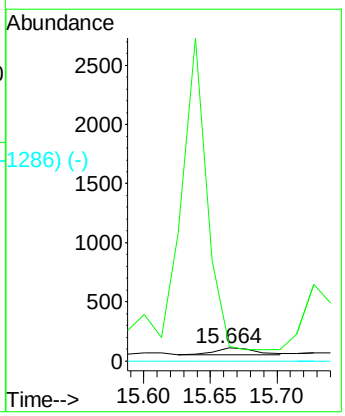


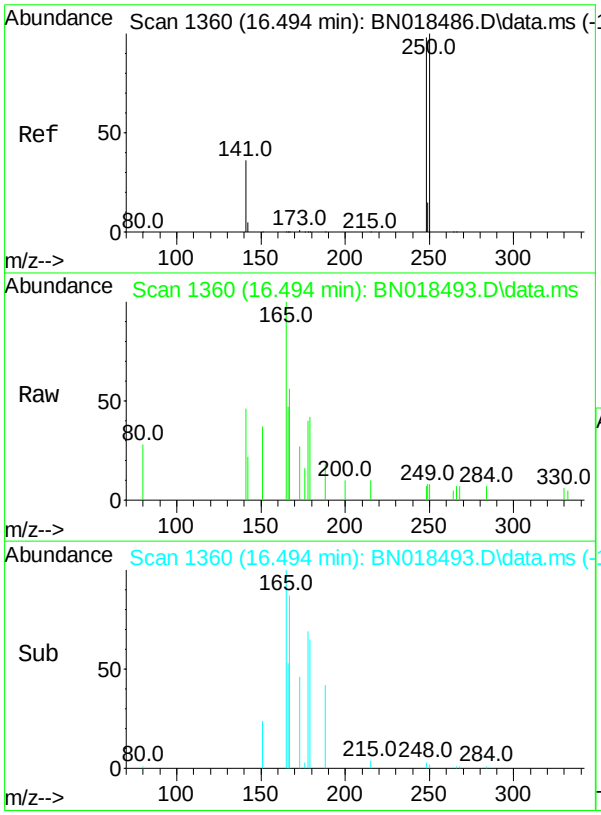


#20
4,6-Dinitro-2-methylphenol
Concen: 0.143 ng
RT: 15.664 min Scan# 1293
Delta R.T. -0.013 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
182	109.7	15.5	23.3#
77	0.0	0.0	0.0



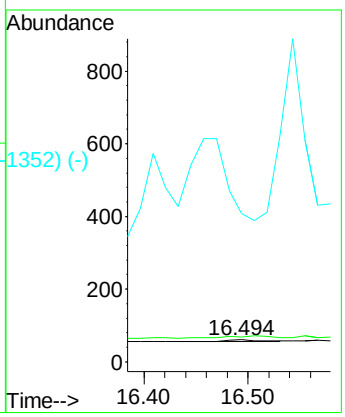


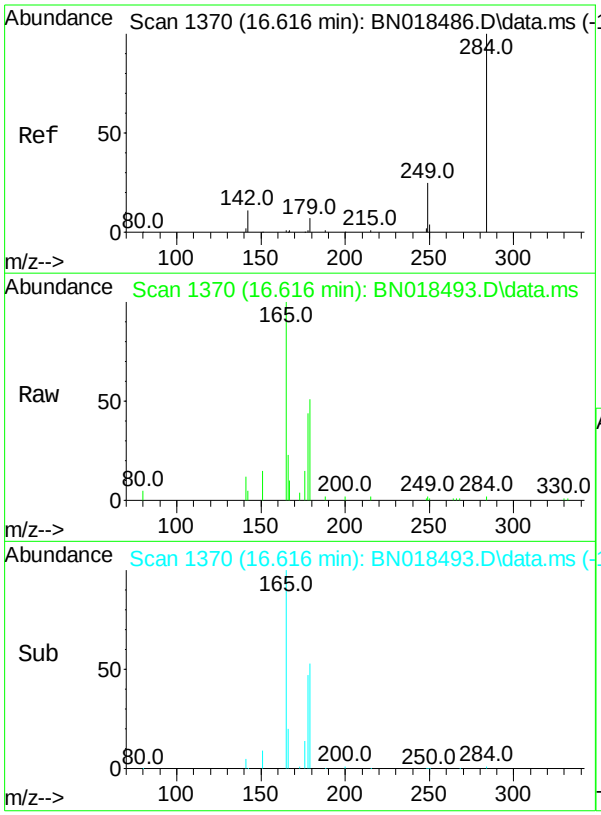
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:248 Resp: 16

Ion	Ratio	Lower	Upper
248	100		
250	111.5	74.4	111.6
141	670.5	43.7	65.5#

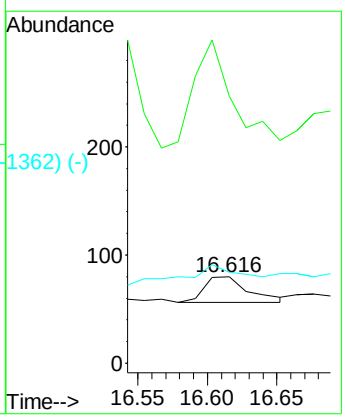


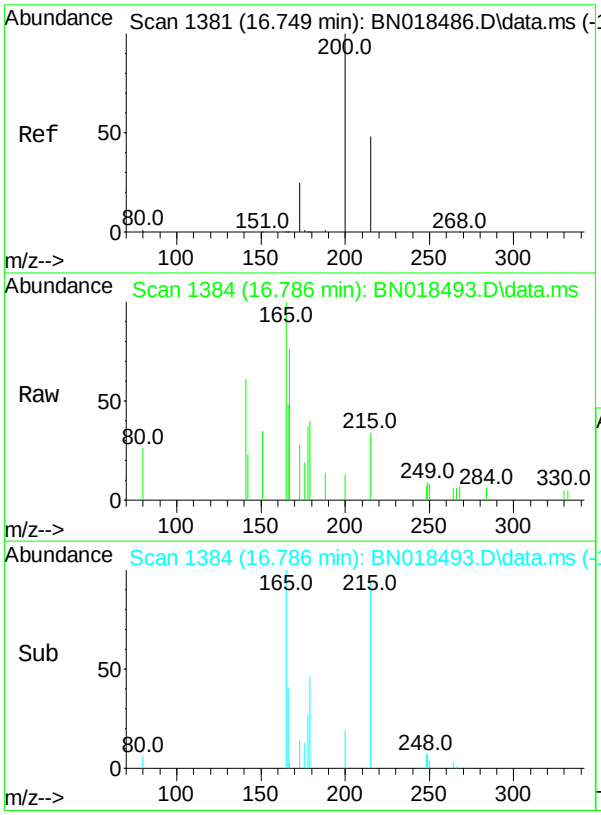


#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.616 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:284 Resp: 53

Ion	Ratio	Lower	Upper
284	100		
142	375.5	21.6	32.4#
249	103.8	23.5	35.3#



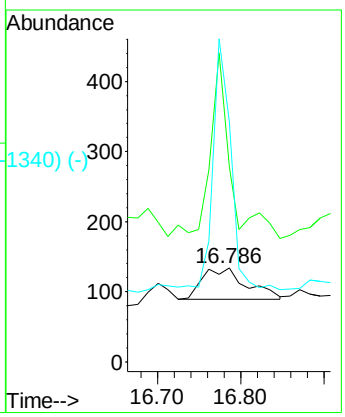


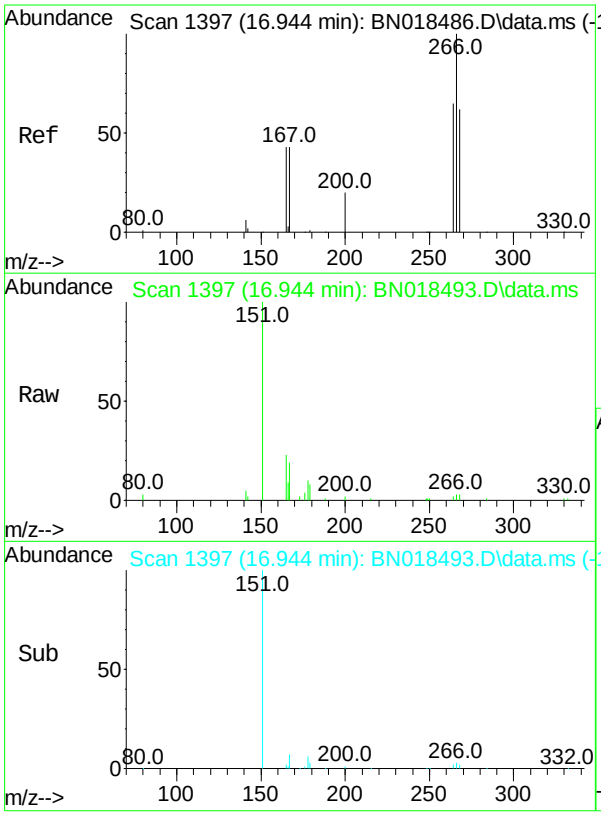
#23
Atrazine
Concen: 0.003 ng
RT: 16.786 min Scan# 1
Delta R.T. 0.037 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:200 Resp: 164

Ion	Ratio	Lower	Upper
200	100		
173	207.5	20.3	30.5#
215	255.2	40.4	60.6#

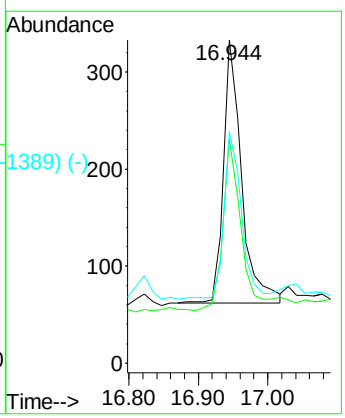


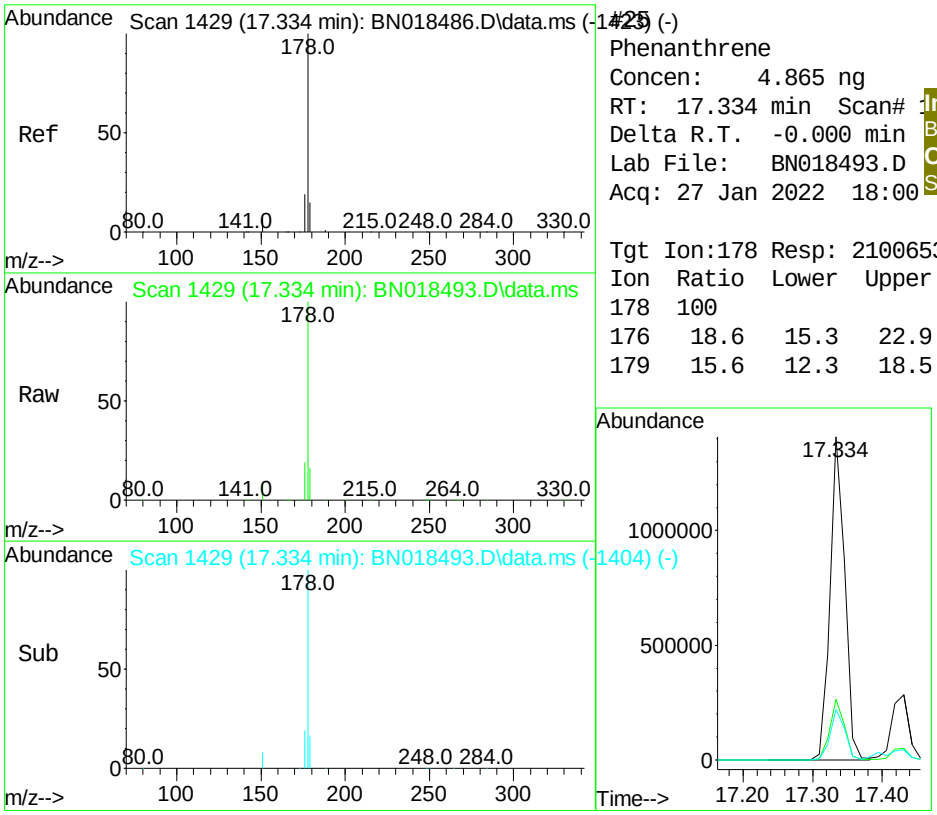


#24
Pentachlorophenol
Concen: 0.335 ng
RT: 16.944 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:266 Resp: 487

Ion	Ratio	Lower	Upper
266	100		
264	70.8	49.5	74.3
268	62.4	50.6	76.0



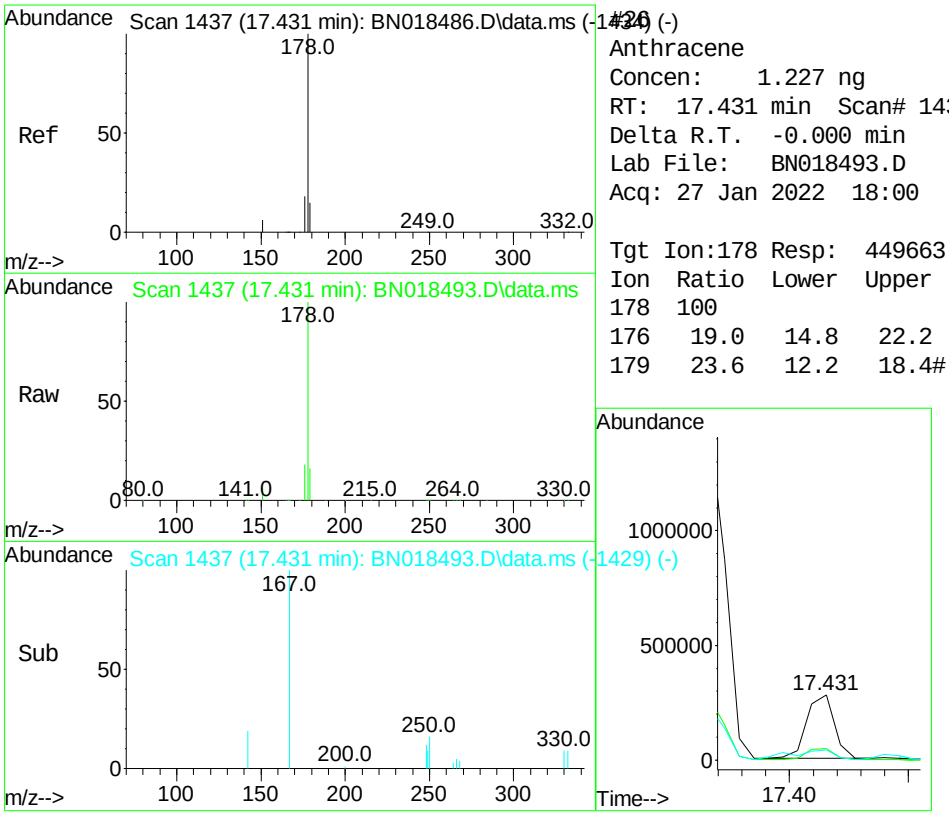


#25
Phenanthrene
Concen: 4.865 ng
RT: 17.334 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:178 Resp: 2100653

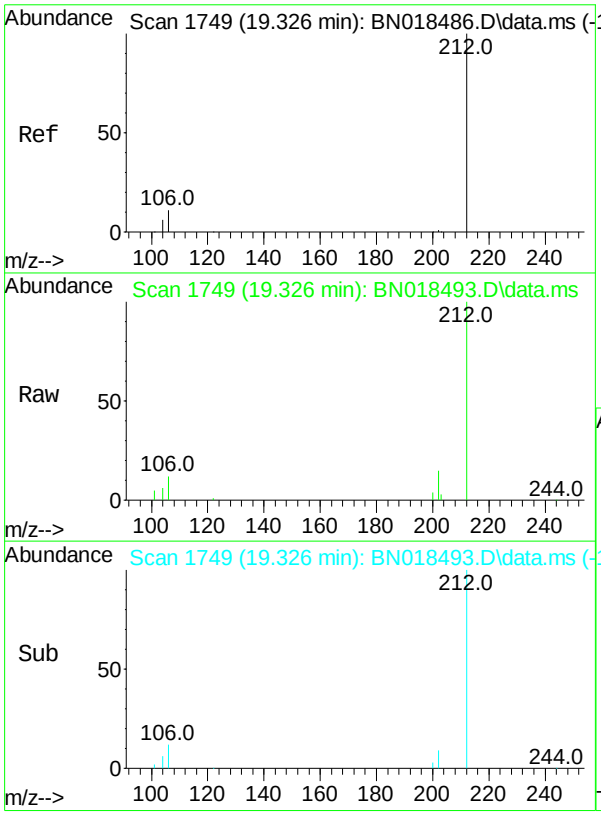
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.6	12.3	18.5



#26
Anthracene
Concen: 1.227 ng
RT: 17.431 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:178 Resp: 449663

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	23.6	12.2	18.4#

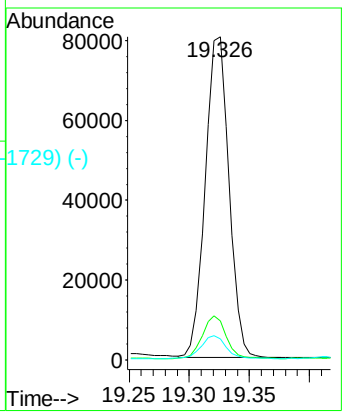


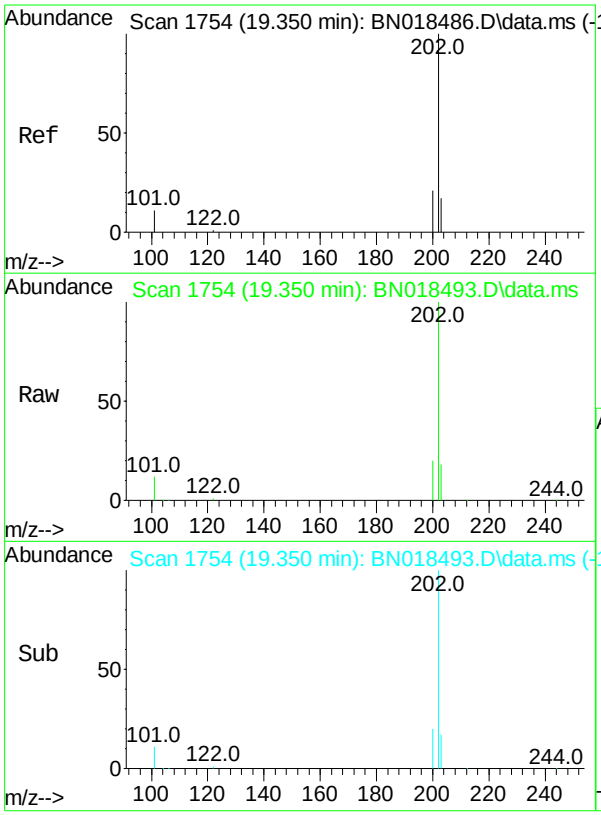
#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.326 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:212 Resp: 110090

Ion	Ratio	Lower	Upper
212	100		
106	13.2	8.4	12.6#
104	7.5	4.5	6.7#

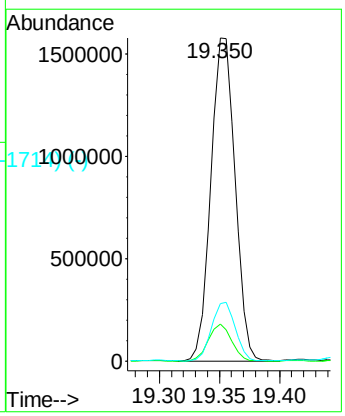


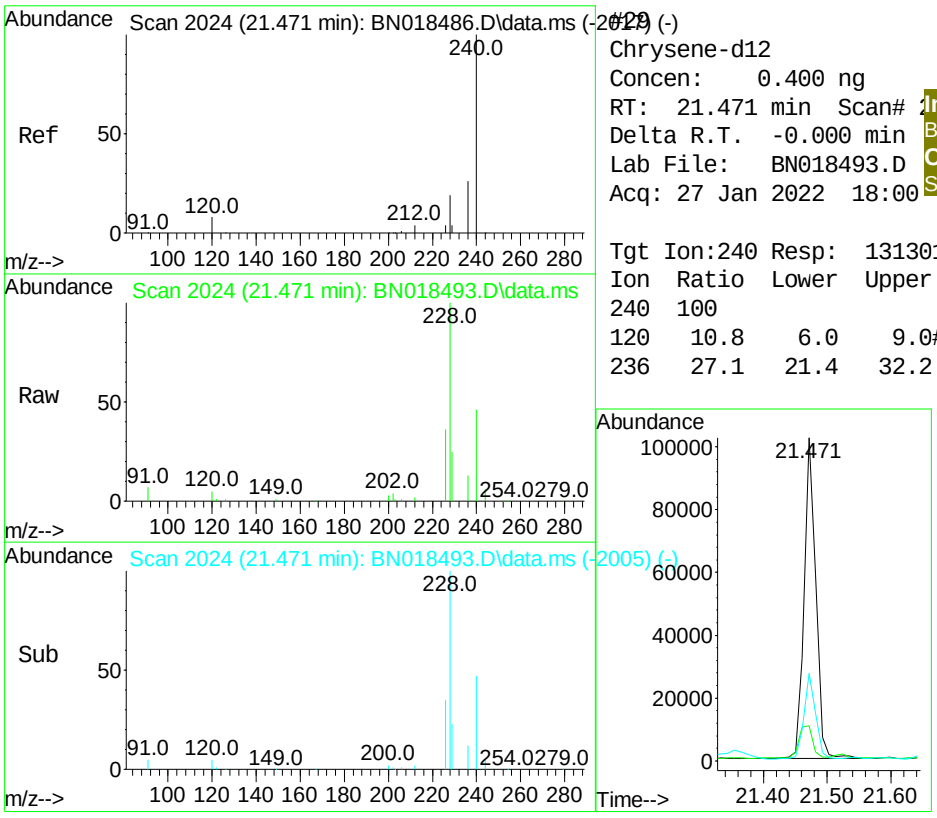


#28
Fluoranthene
Concen: 4.643 ng
RT: 19.350 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:202 Resp: 2208978

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.2	10.8#
203	17.7	13.7	20.5



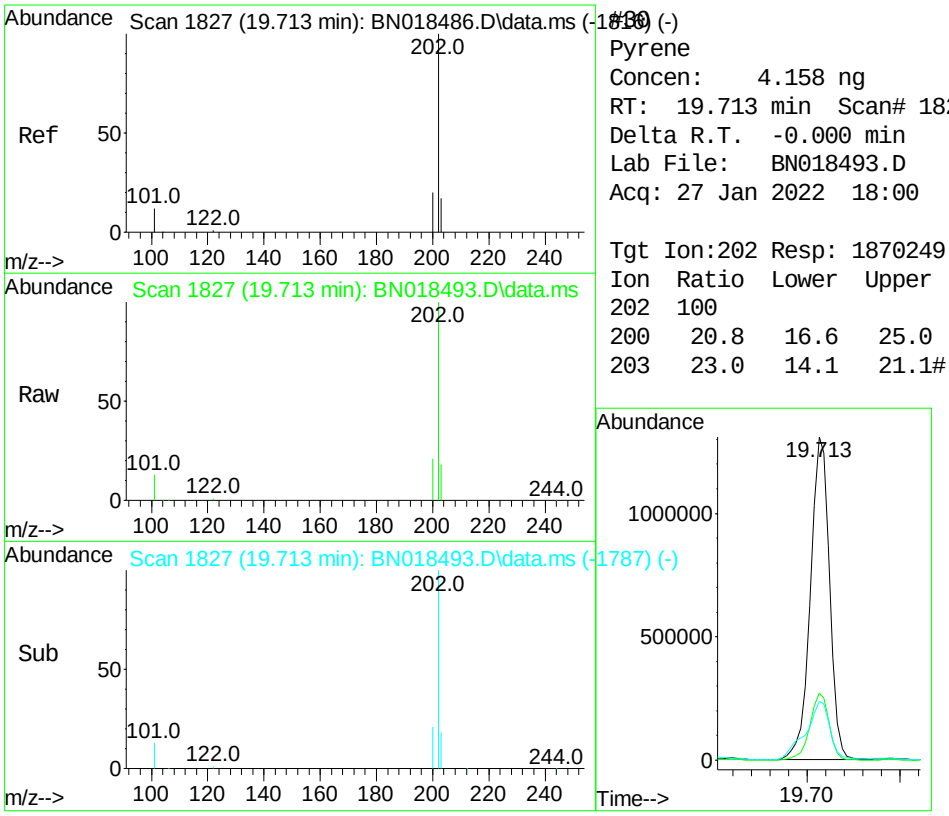


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.471 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:240 Resp: 131301

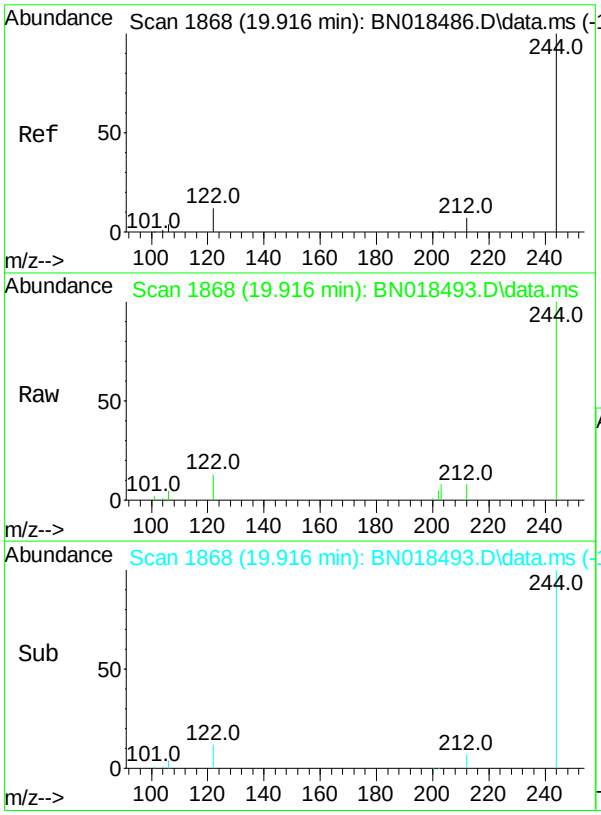
Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.0	9.0#
236	27.1	21.4	32.2



#30
Pyrene
Concen: 4.158 ng
RT: 19.713 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:202 Resp: 1870249

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	23.0	14.1	21.1#

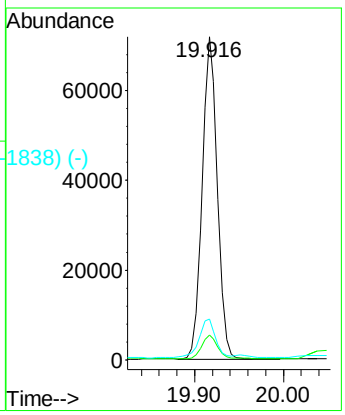


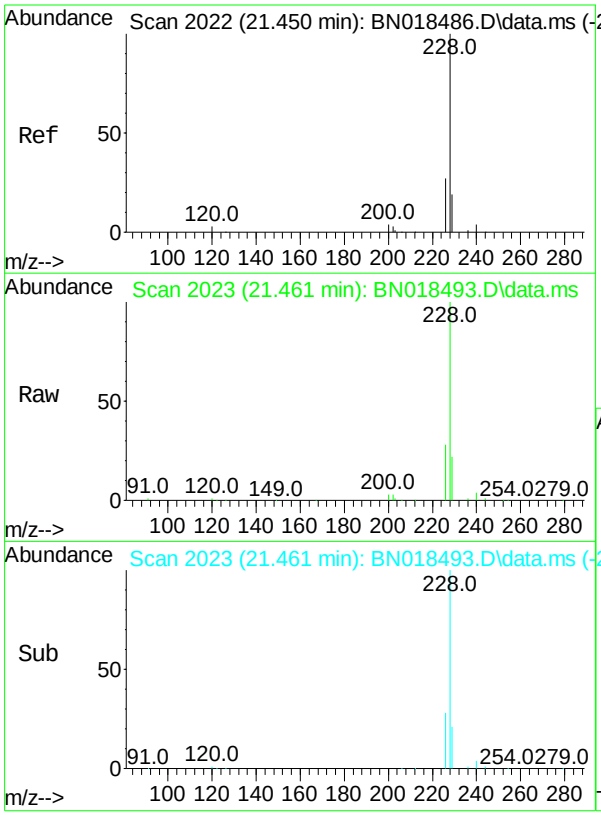
#31
Terphenyl-d14
Concen: 0.258 ng
RT: 19.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:244 Resp: 85952

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.7	7.9	11.9#

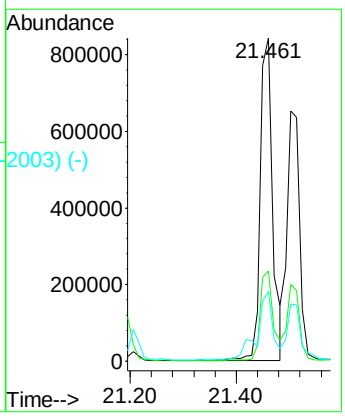


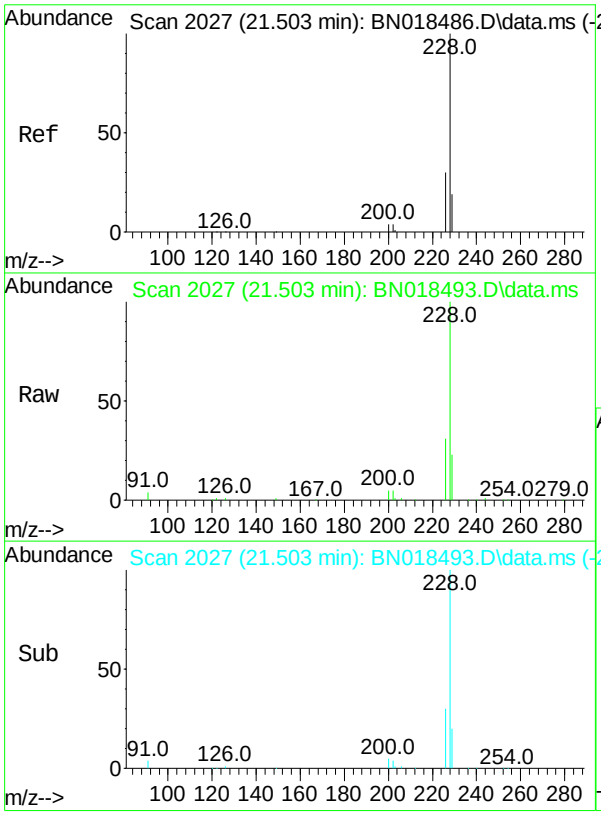


#32
Benzo(a)anthracene
Concen: 3.143 ng
RT: 21.461 min Scan# 2023
Delta R.T. 0.011 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:228 Resp: 1371212

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.3	31.9
229	21.6	15.9	23.9



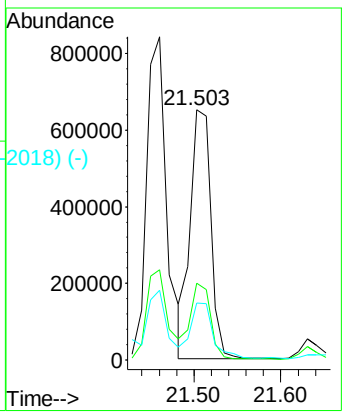


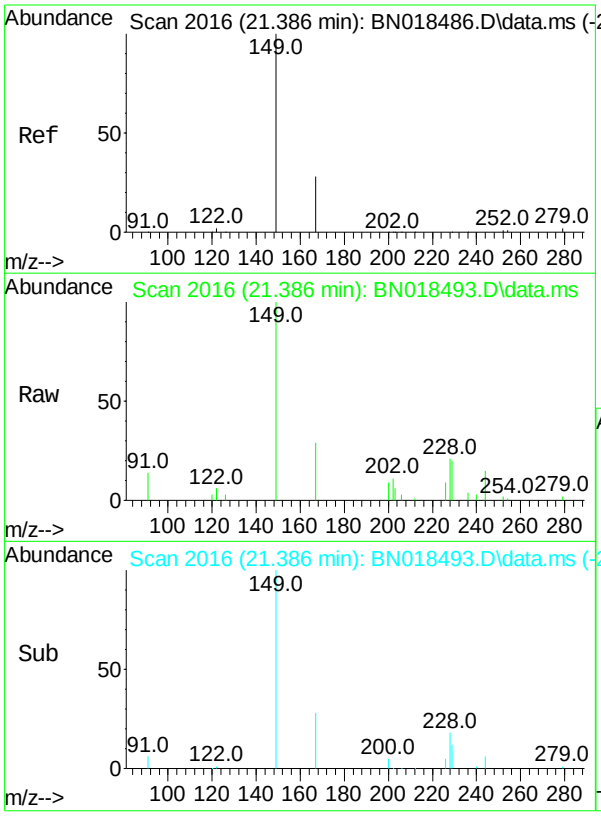
#23
Chrysene
Concen: 2.423 ng
RT: 21.503 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:228 Resp: 1071317

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	22.6	15.5	23.3

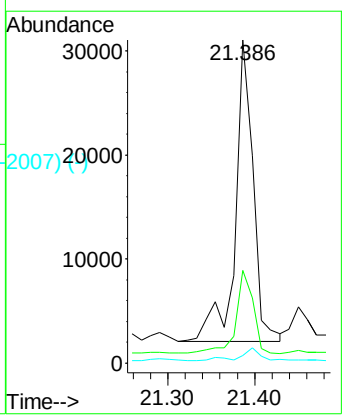


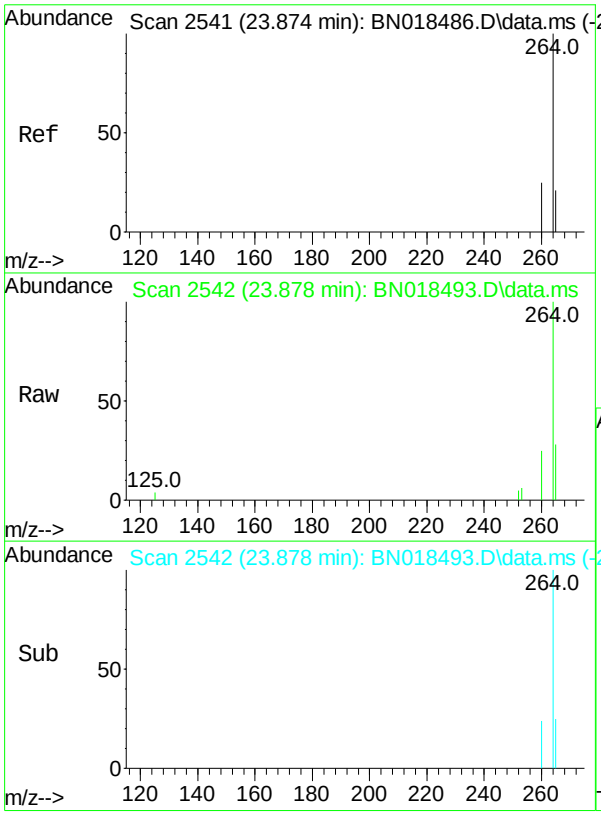


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.233 ng
RT: 21.386 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:149 Resp: 41214

Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.7	35.5
279	4.4	3.6	5.4



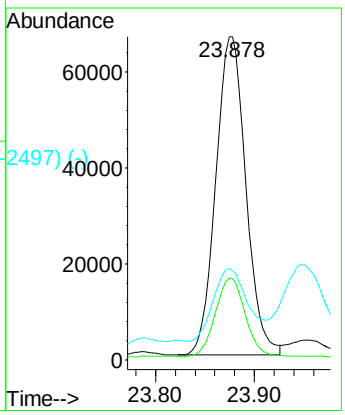


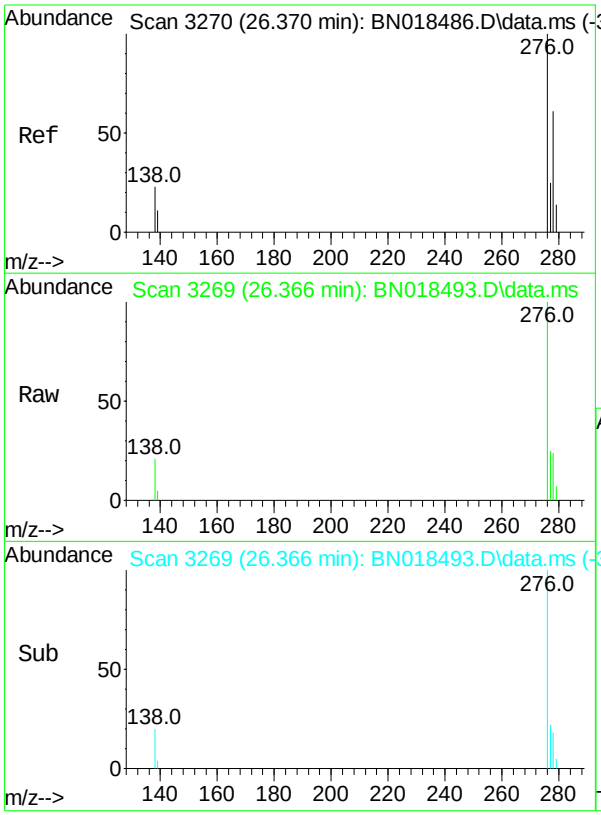
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.878 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:264 Resp: 140270

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	27.5	18.2	27.2#

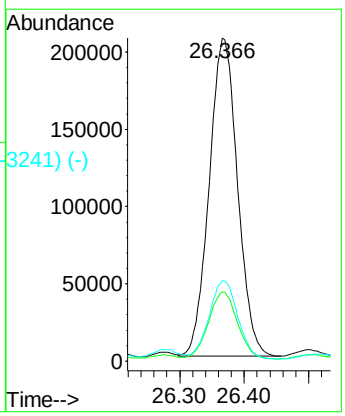


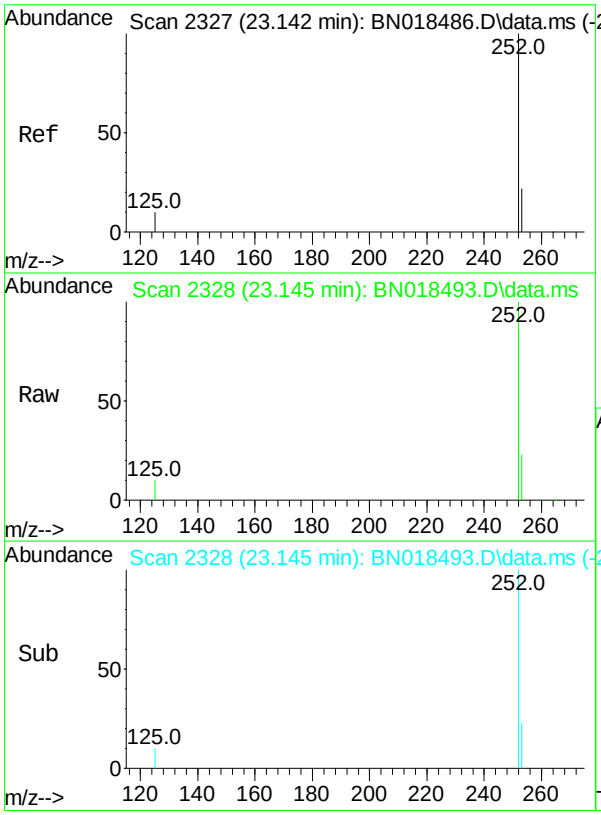


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.246 ng
RT: 26.366 min Scan# 3269
Delta R.T. -0.003 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:276 Resp: 628472

Ion	Ratio	Lower	Upper
276	100		
138	21.6	14.9	22.3
277	25.1	19.9	29.9



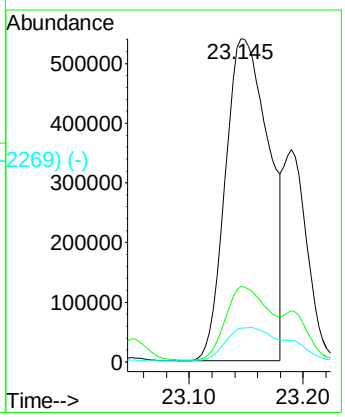


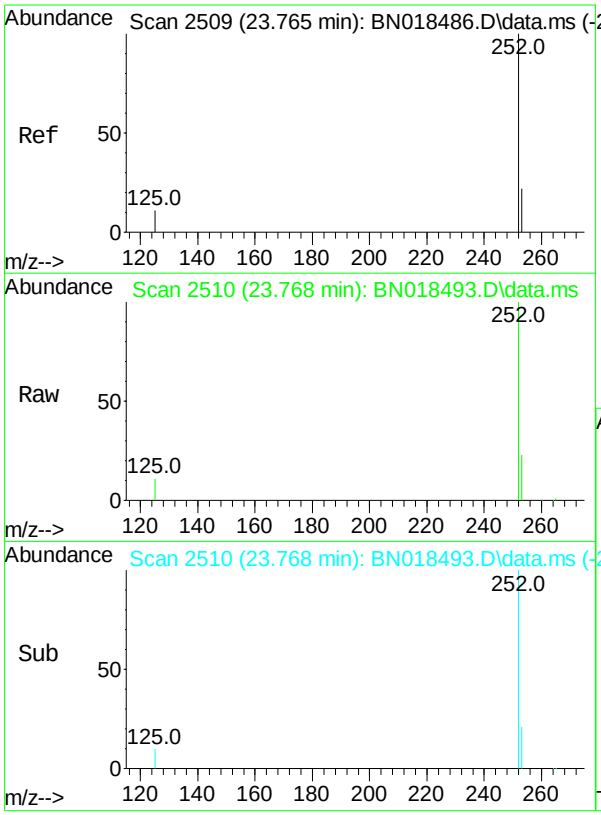
#37
Benzo(b)fluoranthene
Concen: 2.974 ng
RT: 23.145 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:252 Resp: 1436205

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.4	6.0	9.0#

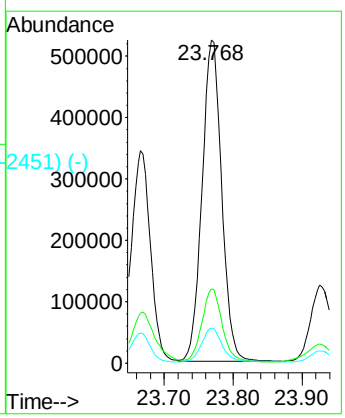


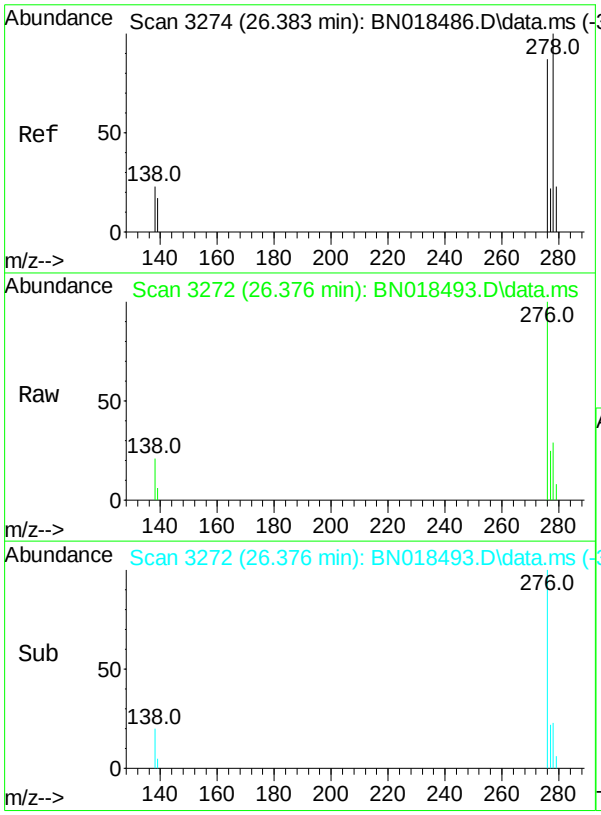


#39
Benzo(a)pyrene
Concen: 2.655 ng
RT: 23.768 min Scan# 2510
Delta R.T. 0.003 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:252 Resp: 1026001

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.8	7.0	10.4#



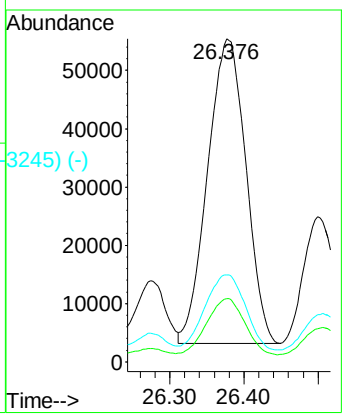


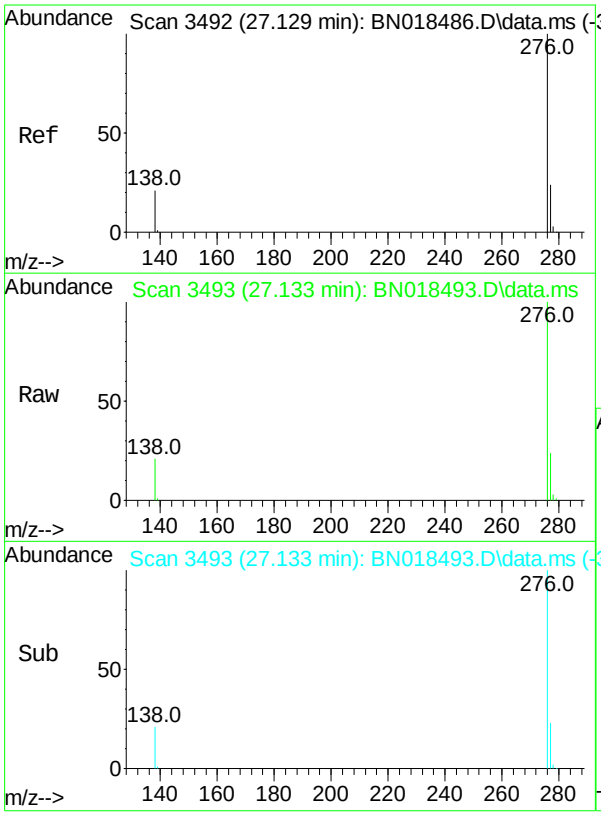
#40
Dibenzo(a,h)anthracene
Concen: 0.480 ng
RT: 26.376 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)

Tgt Ion:278 Resp: 188771

Ion	Ratio	Lower	Upper
278	100		
139	19.6	10.8	16.2#
279	26.9	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 1.266 ng
RT: 27.133 min Scan# 3493
Delta R.T. 0.003 min
Lab File: BN018493.D
Acq: 27 Jan 2022 18:00

Tgt Ion:276 Resp: 555772

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	21.3	12.6	19.0#