Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018494.D
Acq On : 27 Jan 2022 18:36
Operator : CG/JU
Sample : N1245-10RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Quant Time: Jan 28 03:06:11 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

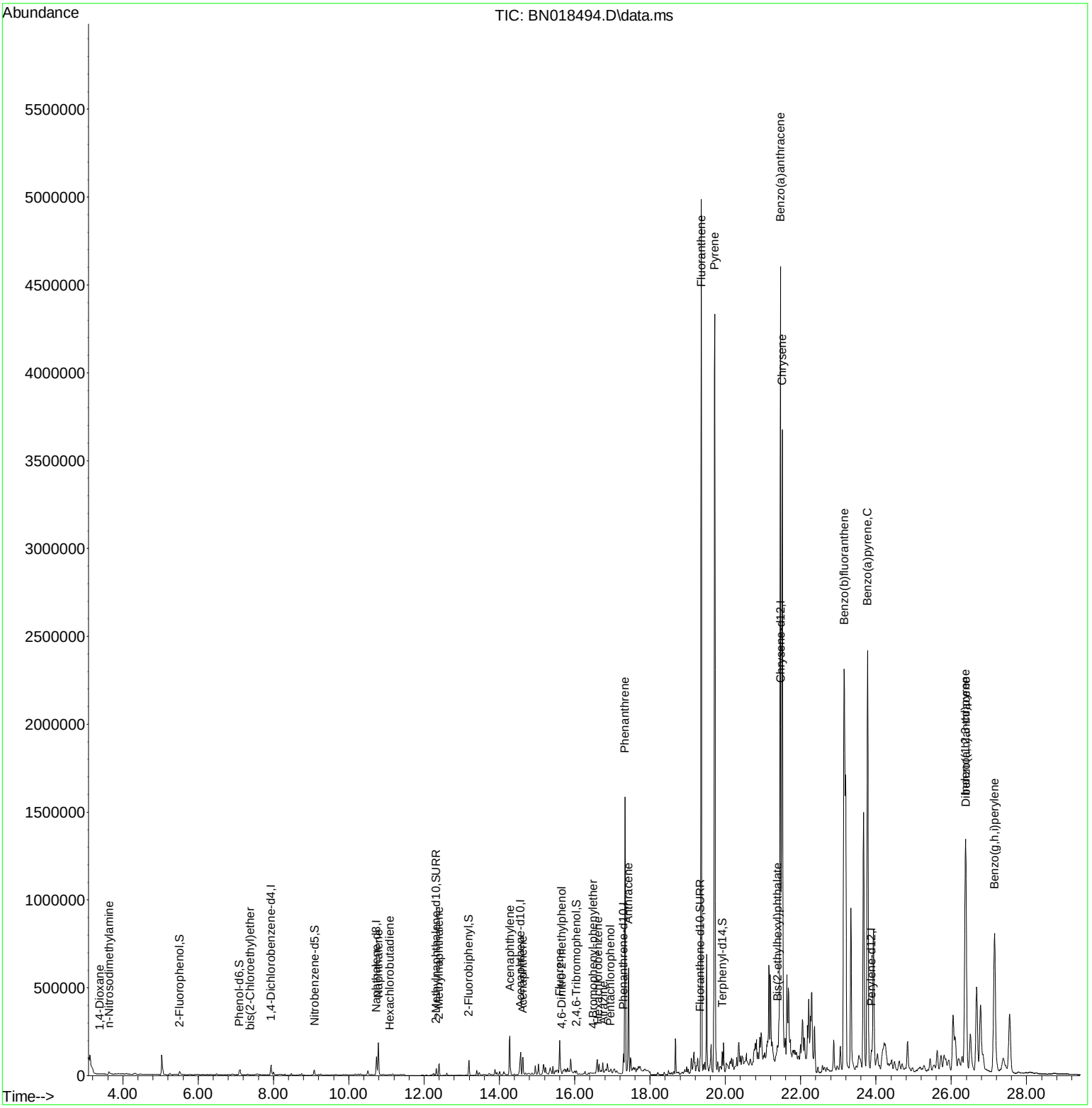
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	29802	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	135804	0.400	ng	#	0.00
13) Acenaphthene-d10	14.561	164	78066	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	149366	0.400	ng		0.00
29) Chrysene-d12	21.472	240	117995	0.400	ng	#	0.00
35) Perylene-d12	23.878	264	150834	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.503	112	20220	0.267	ng		0.02
5) Phenol-d6	7.089	99	22781	0.274	ng		0.00
8) Nitrobenzene-d5	9.089	82	25863	0.276	ng		0.00
11) 2-Methylnaphthalene-d10	12.323	152	53779	0.245	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	8798	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	72787	0.235	ng		0.00
27) Fluoranthene-d10	19.331	212	93832	0.213	ng		0.00
31) Terphenyl-d14	19.917	244	78063	0.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	225	0.011	ng	#	1
3) n-Nitrosodimethylamine	3.631	42	3191	0.103	ng	#	1
6) bis(2-Chloroethyl)ether	7.384	93	207	0.002	ng	#	20
9) Naphthalene	10.787	128	234293	0.659	ng		100
10) Hexachlorobutadiene	11.091	225	9	0.000	ng	#	25
12) 2-Methylnaphthalene	12.394	142	47344	0.198	ng		99
16) Acenaphthylene	14.281	152	264516	0.805	ng		100
17) Acenaphthene	14.624	154	58897	0.268	ng		99
18) Fluorene	15.601	166	122358	0.454	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.652	198	56	0.139	ng	#	1
21) 4-Bromophenyl-phenylether	16.482	248	33	0.000	ng	#	1
22) Hexachlorobenzene	16.616	284	74	0.001	ng	#	1
23) Atrazine	16.762	200	184	0.003	ng	#	1
24) Pentachlorophenol	16.945	266	131	0.327	ng	#	51
25) Phenanthrene	17.334	178	1568885	3.591	ng		99
26) Anthracene	17.431	178	691115	1.863	ng		99
28) Fluoranthene	19.361	202	4559060	9.469	ng	#	96
30) Pyrene	19.718	202	4200280	10.392	ng	#	93
32) Benzo(a)anthracene	21.461	228	4245511	10.827	ng		92
33) Chrysene	21.514	228	3350659	8.431	ng		96
34) Bis(2-ethylhexyl)phtha...	21.387	149	15584	0.098	ng		91
36) Indeno(1,2,3-cd)pyrene	26.377	276	2260279	4.167	ng		97
37) Benzo(b)fluoranthene	23.156	252	4681046	9.014	ng	#	96
39) Benzo(a)pyrene	23.779	252	3822208	9.199	ng	#	97
40) Dibenzo(a,h)anthracene	26.387	278	702372	1.661	ng	#	90
41) Benzo(g,h,i)perylene	27.150	276	1853034	3.926	ng	#	94

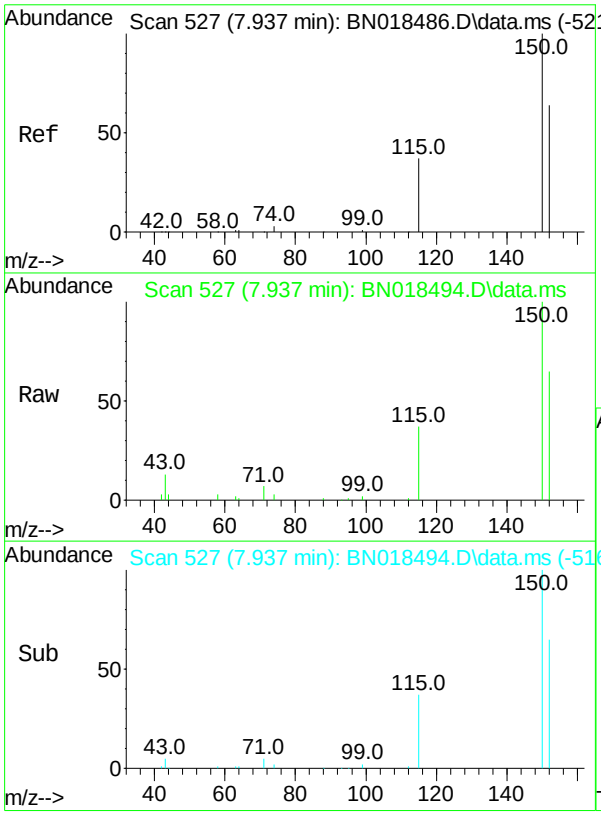
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018494.D
Acq On : 27 Jan 2022 18:36
Operator : CG/JU
Sample : N1245-10RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Quant Time: Jan 28 03:06:11 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



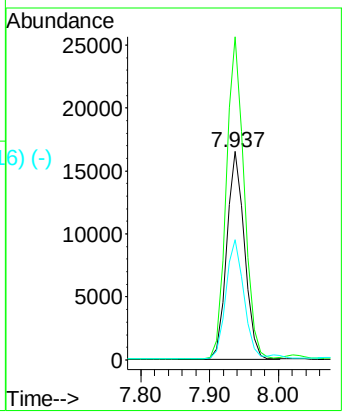


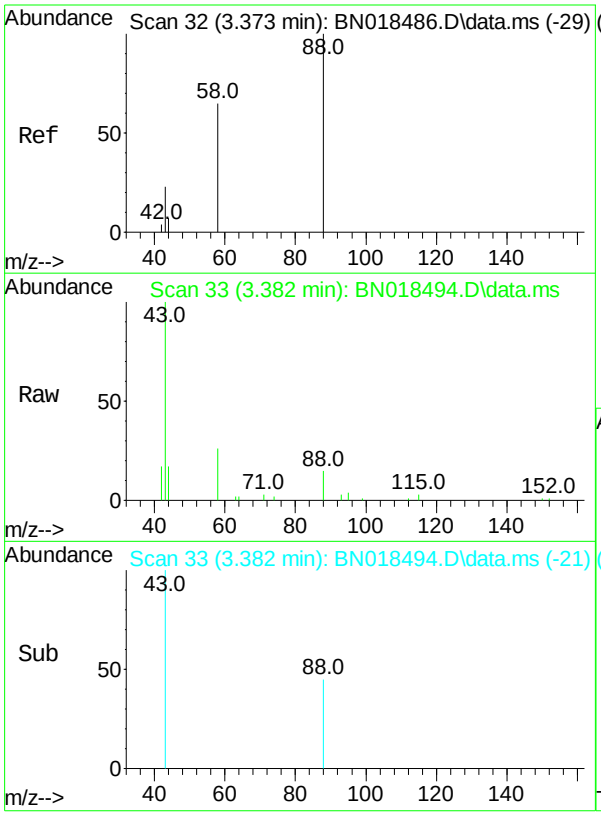
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:152 Resp: 29802

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.7	182.5
115	57.8	43.8	65.8

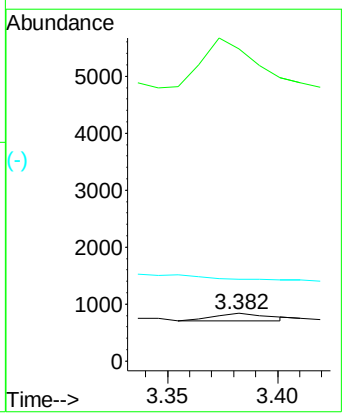


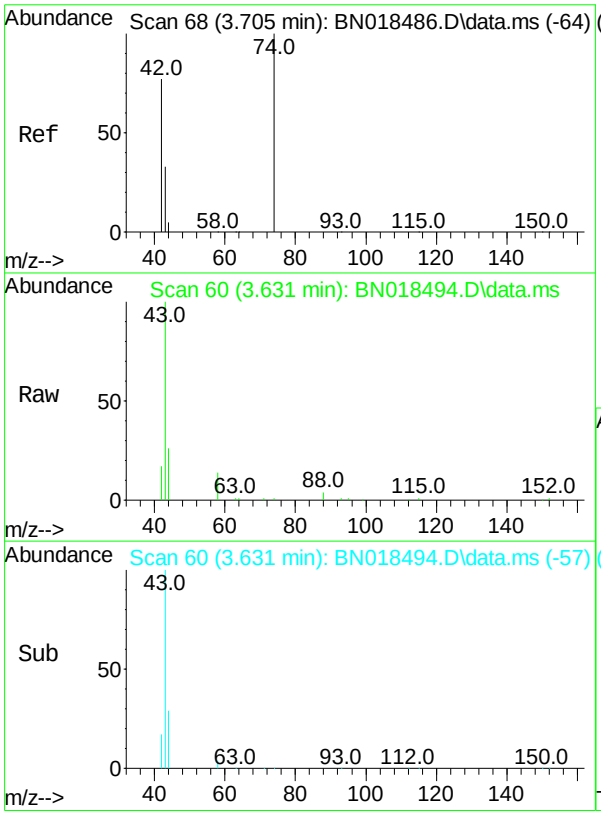


#2
1,4-Dioxane
Concen: 0.011 ng
RT: 3.382 min Scan# 33
Delta R.T. 0.010 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion: 88 Resp: 225

Ion	Ratio	Lower	Upper
88	100		
43	639.1	69.7	104.5#
58	0.0	83.8	125.8#



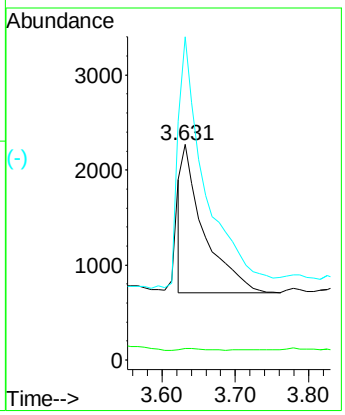


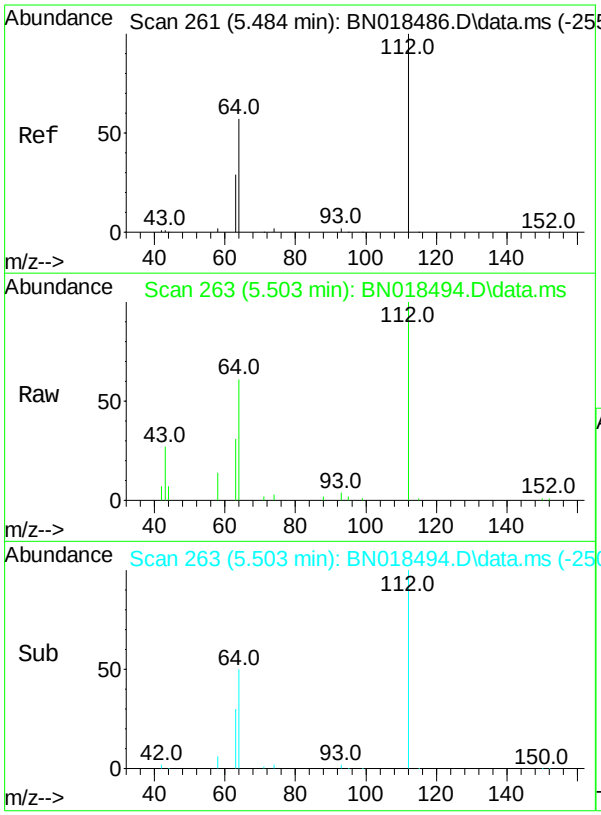
#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.631 min Scan# 6
Delta R.T. -0.073 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion: 42 Resp: 3191

Ion	Ratio	Lower	Upper
42	100		
74	1.3	108.6	163.0#
44	157.9	5.8	8.8#

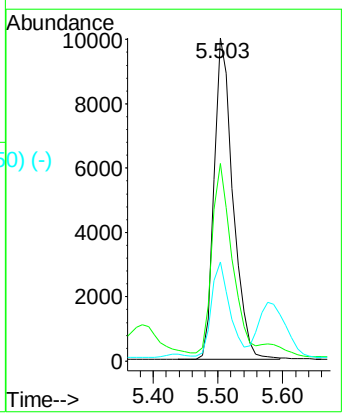


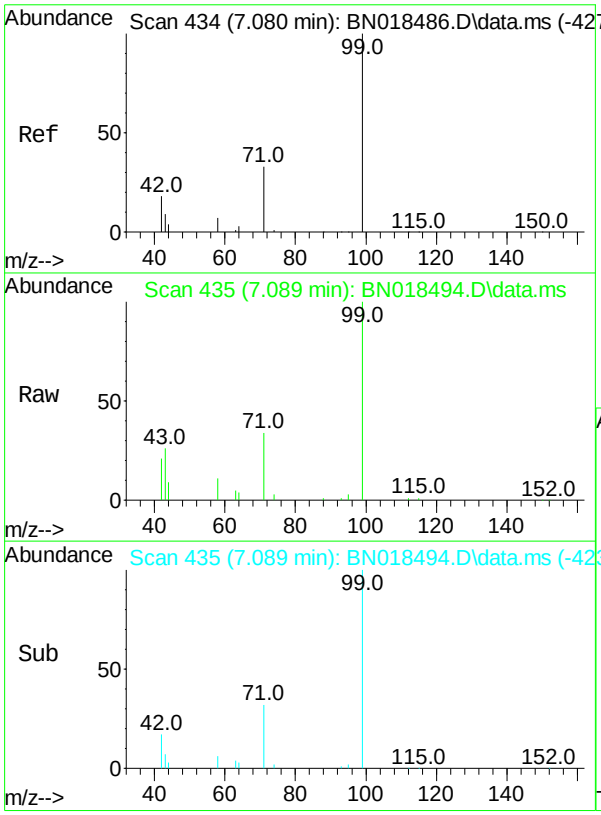


#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.503 min Scan# 263
Delta R.T. 0.019 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:112 Resp: 20220

Ion	Ratio	Lower	Upper
112	100		
64	61.7	48.0	72.0
63	28.0	25.3	37.9



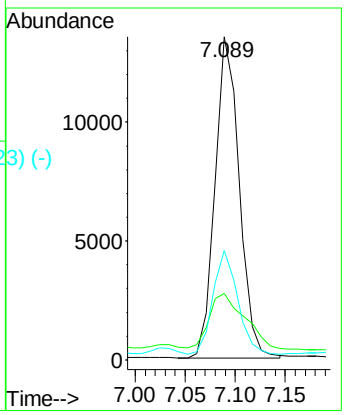


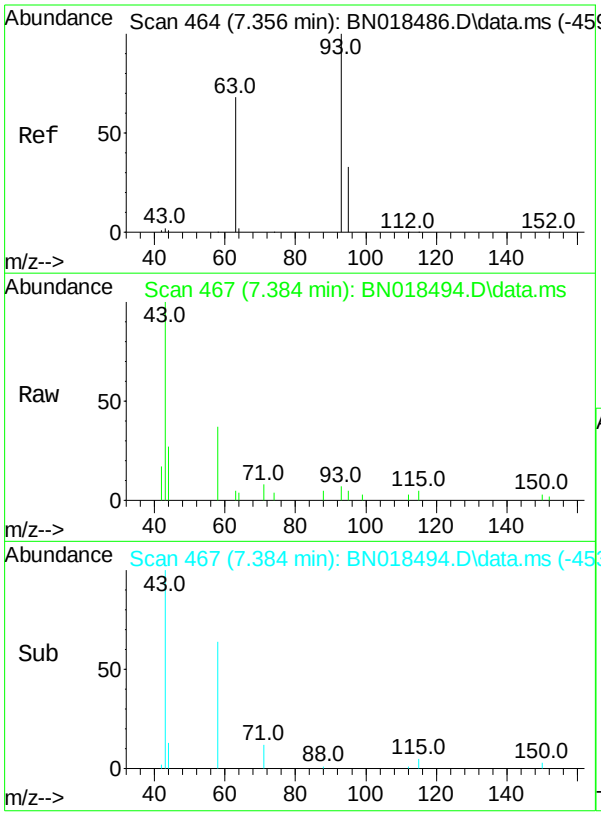
#5
Phenol-d6
Concen: 0.274 ng
RT: 7.089 min Scan# 4
Delta R.T. 0.010 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion: 99 Resp: 22781

Ion	Ratio	Lower	Upper
99	100		
42	24.5	16.3	24.5
71	33.0	26.8	40.2

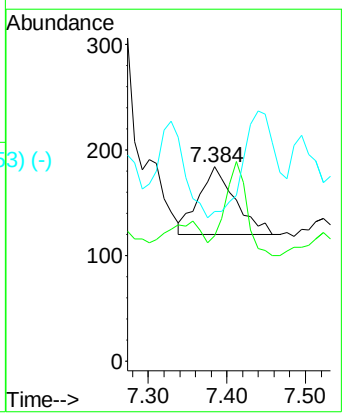


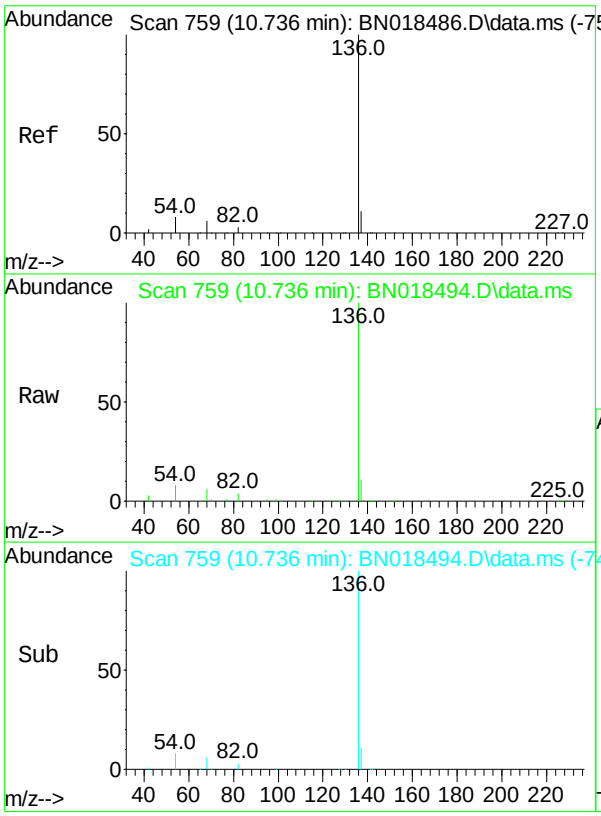


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.384 min Scan# 467
Delta R.T. 0.028 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion: 93 Resp: 207

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



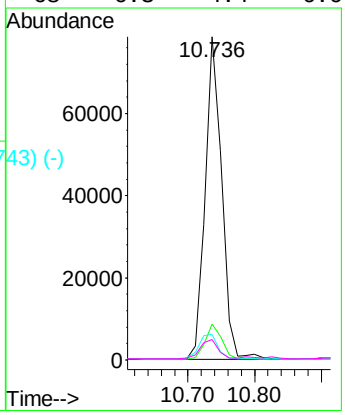


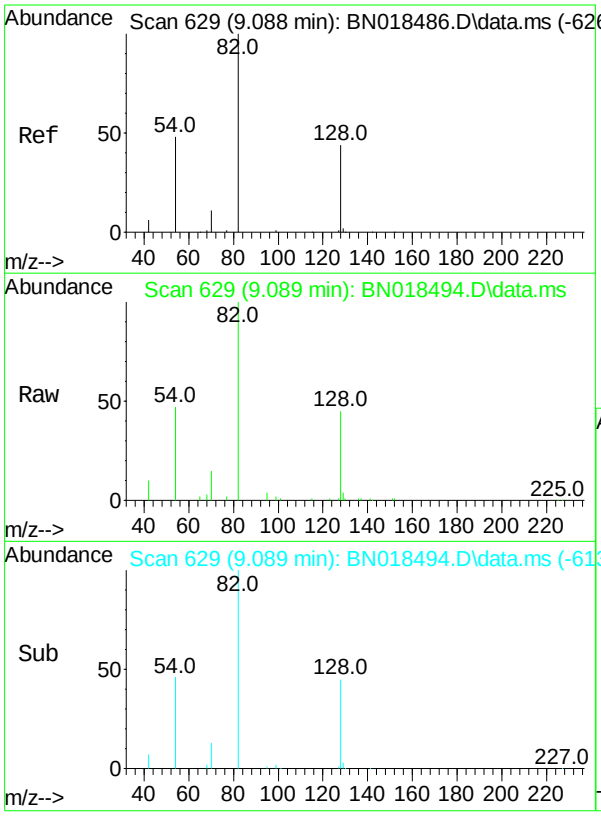
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.736 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:136 Resp: 135804

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.0	7.6#
68	6.3	4.4	6.6

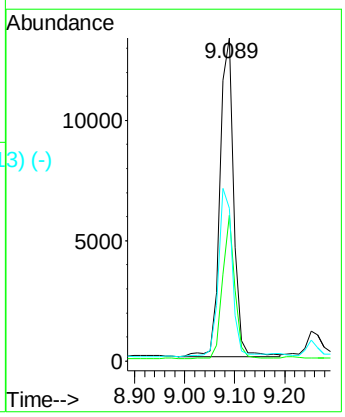


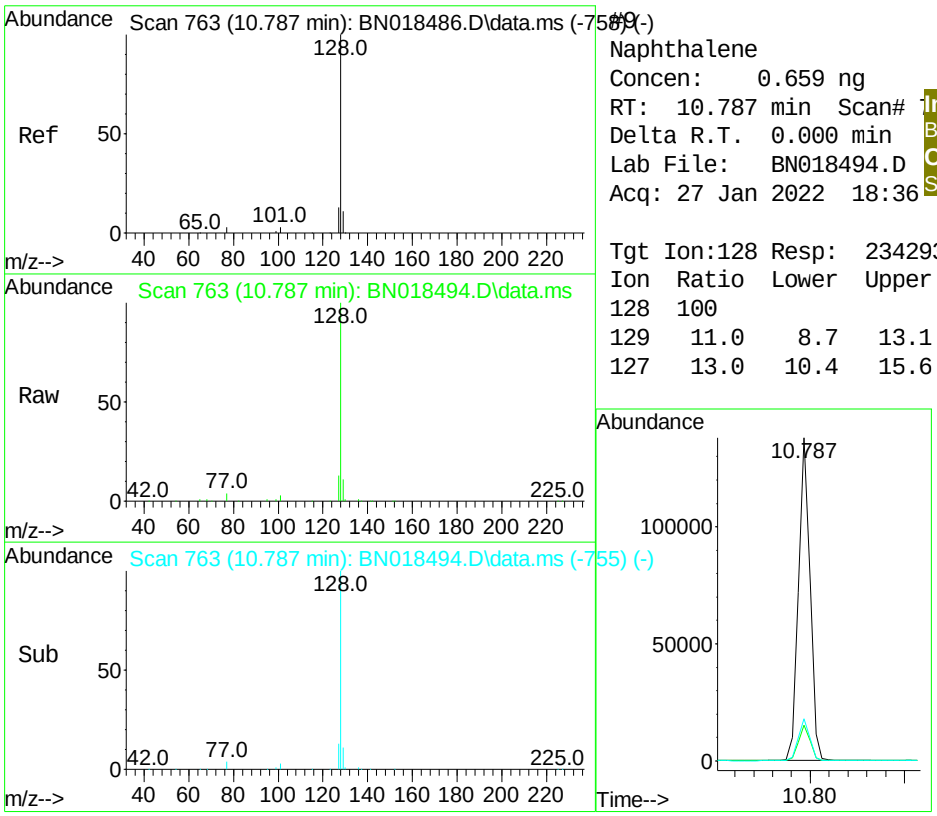


#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 9.089 min Scan# 629
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion: 82 Resp: 25863

Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.7	50.5
54	47.3	36.6	55.0



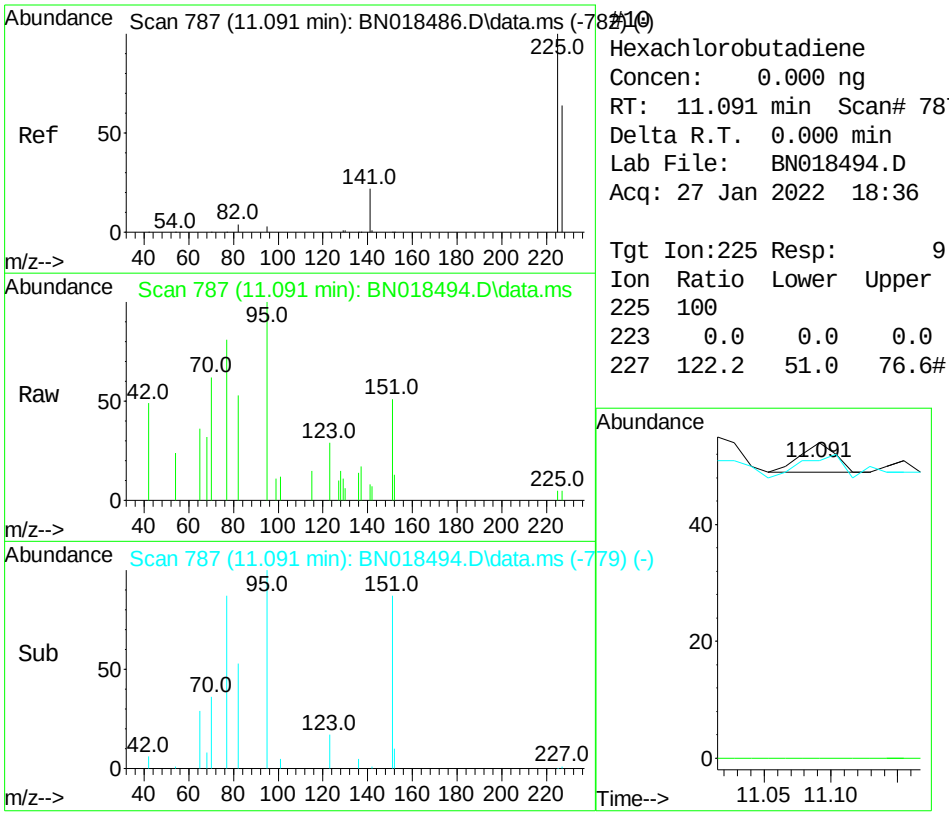


#9
Naphthalene
Concen: 0.659 ng
RT: 10.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:128 Resp: 234293

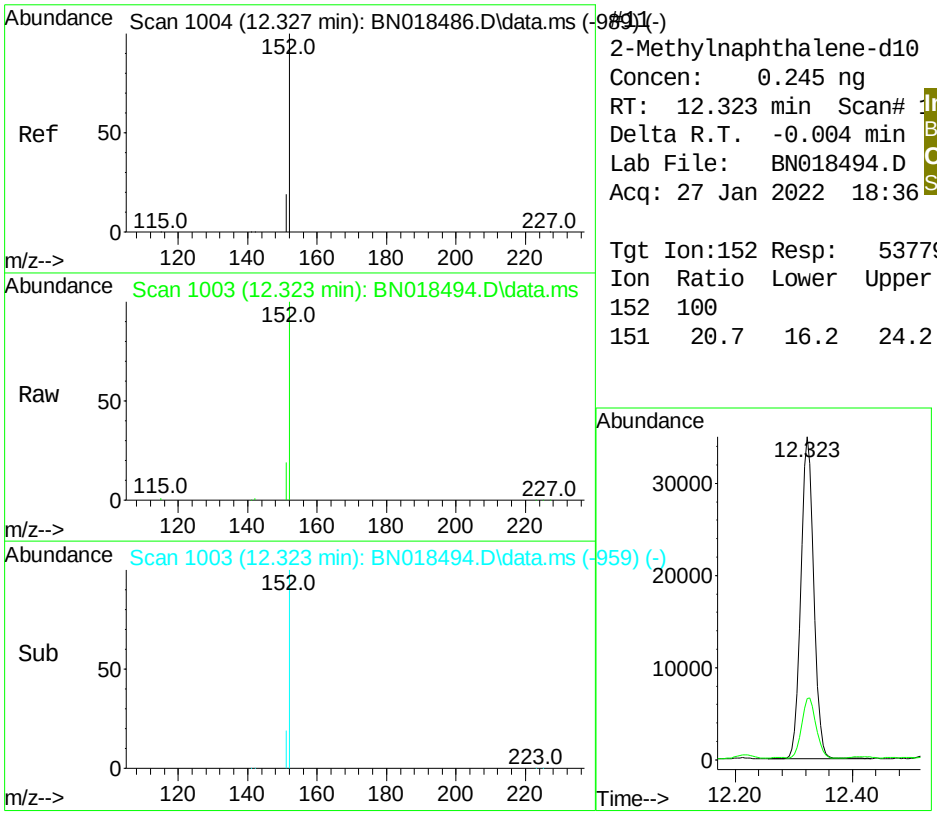
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.4	15.6



#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.091 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:225 Resp: 9

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	122.2	51.0	76.6#

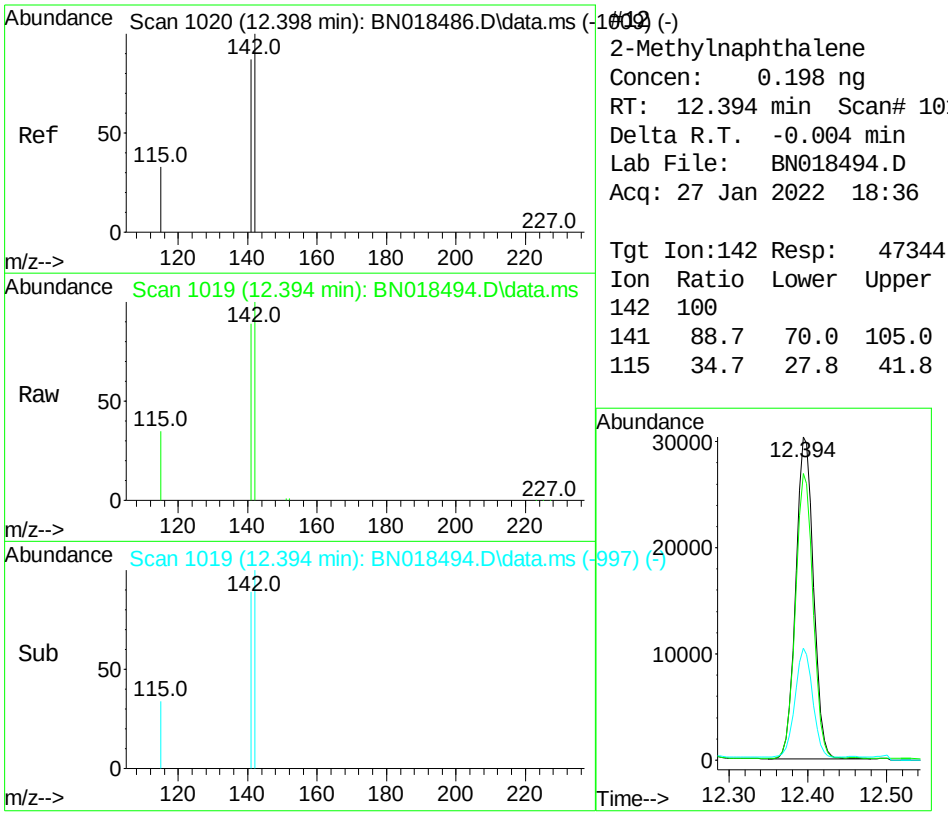


#11
2-Methylnaphthalene-d10
Concen: 0.245 ng
RT: 12.323 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:152 Resp: 53779

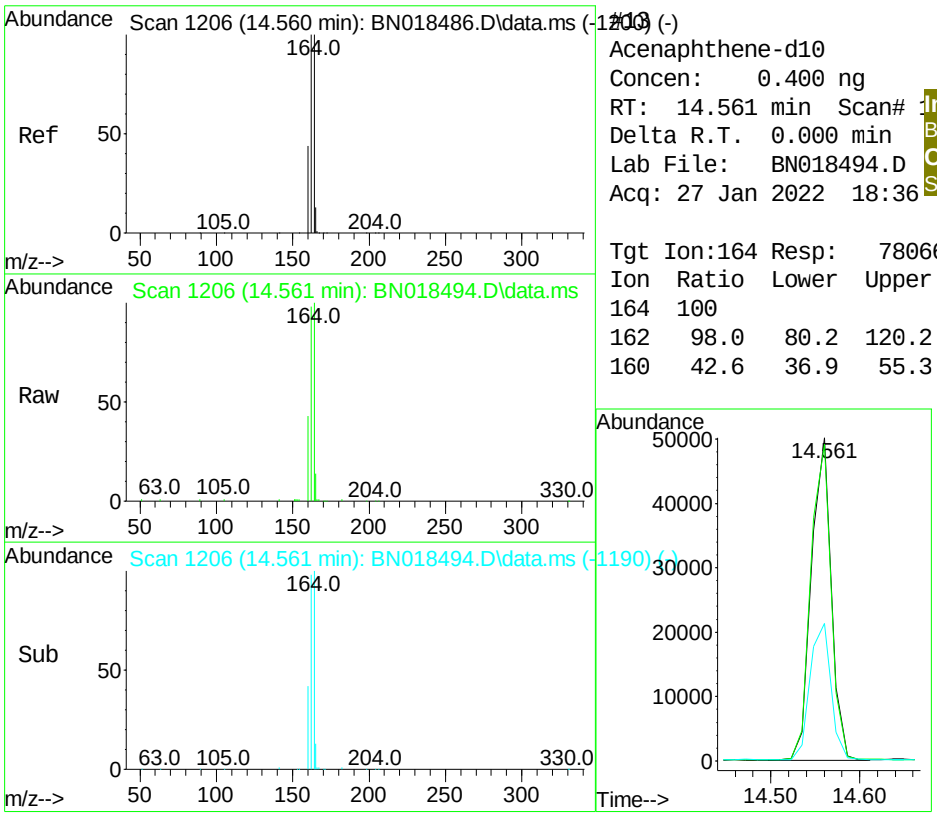
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2



#12
2-Methylnaphthalene
Concen: 0.198 ng
RT: 12.394 min Scan# 1019
Delta R.T. -0.004 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:142 Resp: 47344

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0
115	34.7	27.8	41.8

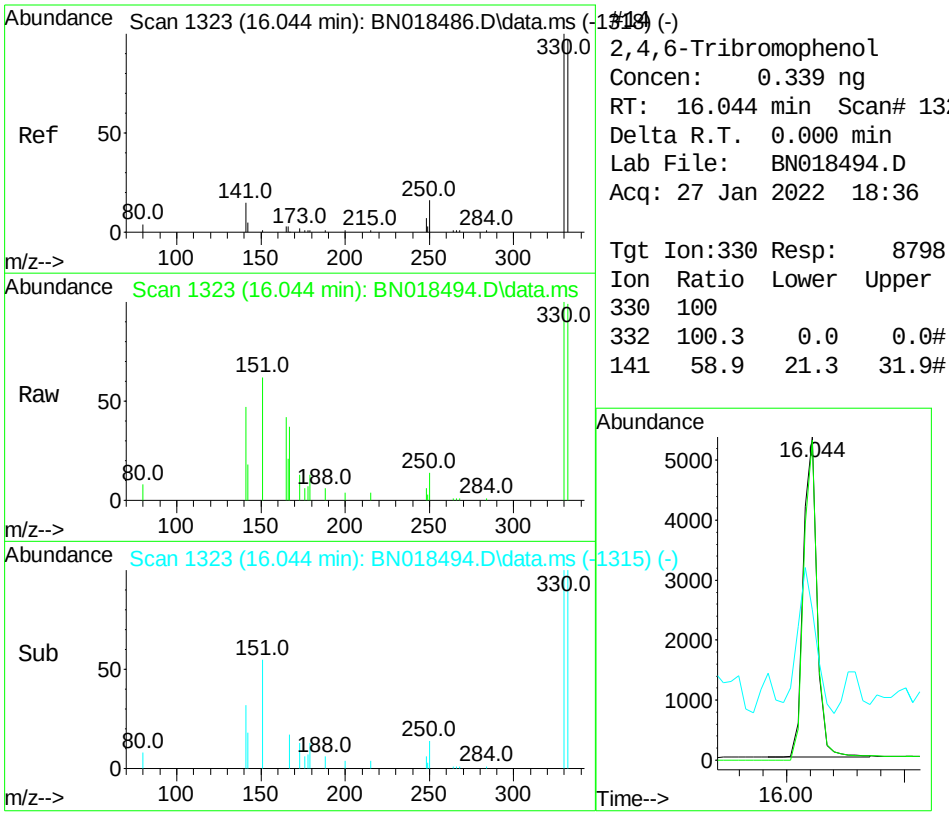


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:164 Resp: 78066

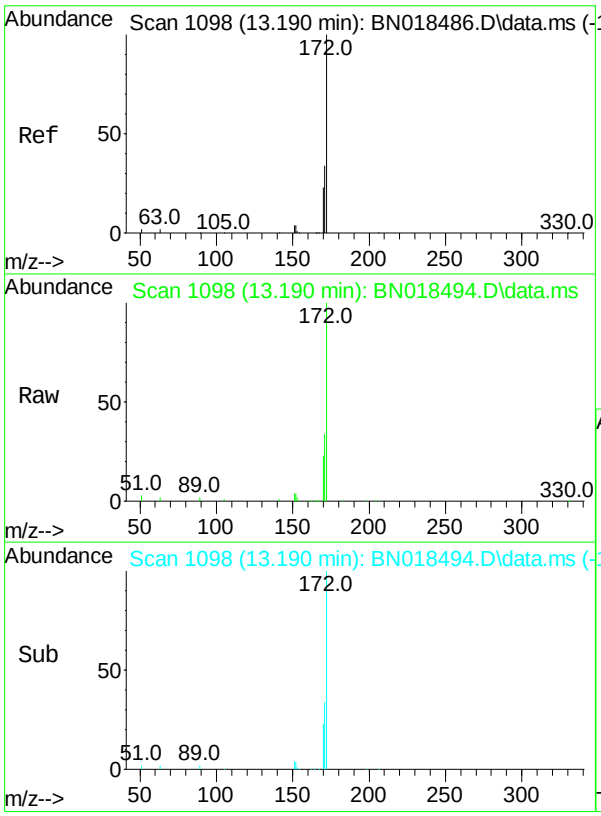
Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.2	120.2
160	42.6	36.9	55.3



#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:330 Resp: 8798

Ion	Ratio	Lower	Upper
330	100		
332	100.3	0.0	0.0#
141	58.9	21.3	31.9#

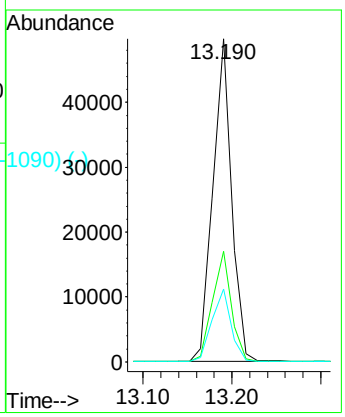


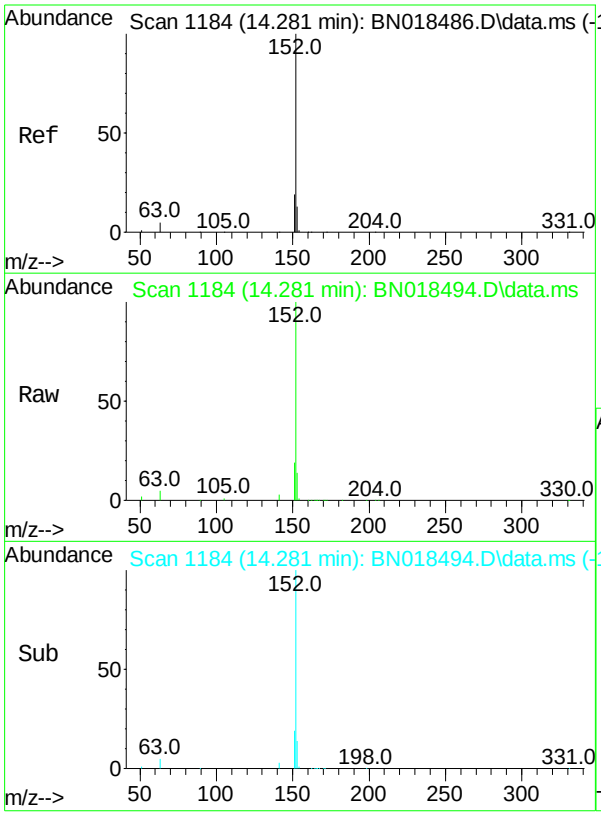
#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:172 Resp: 72787

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.6	18.4	27.6

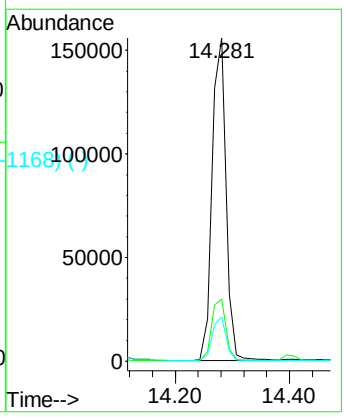


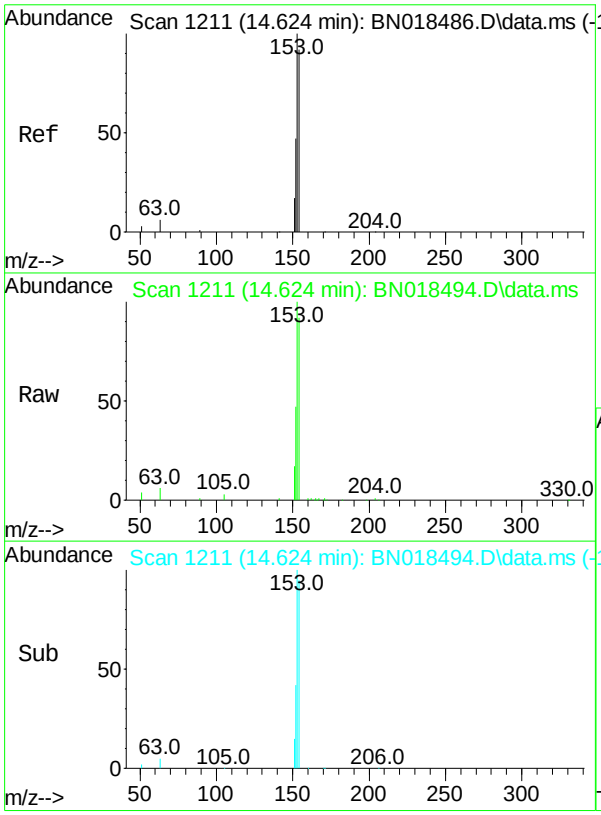


#16
Acenaphthylene
Concen: 0.805 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:152 Resp: 264516

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.5	10.5	15.7



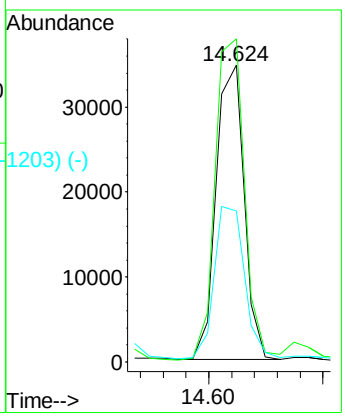


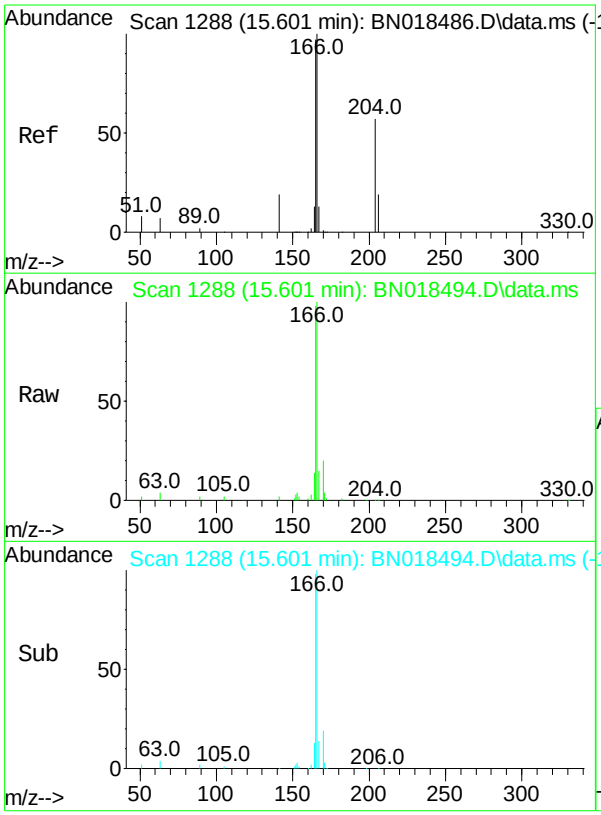
#17
Acenaphthene
Concen: 0.268 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:154 Resp: 58897

Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.9	136.3
152	57.1	45.0	67.4

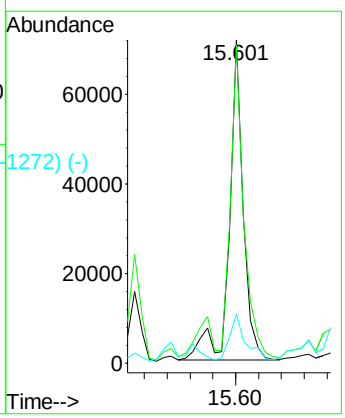


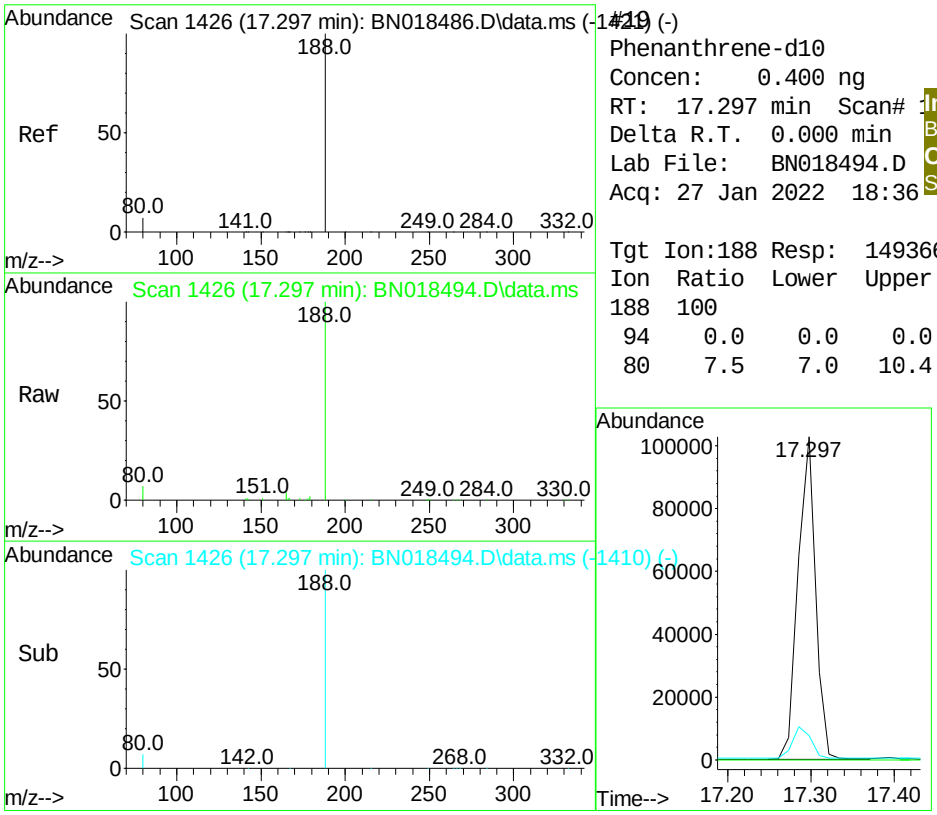


#18
Fluorene
Concen: 0.454 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:166 Resp: 122358

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.8	116.6
167	16.4	10.9	16.3#



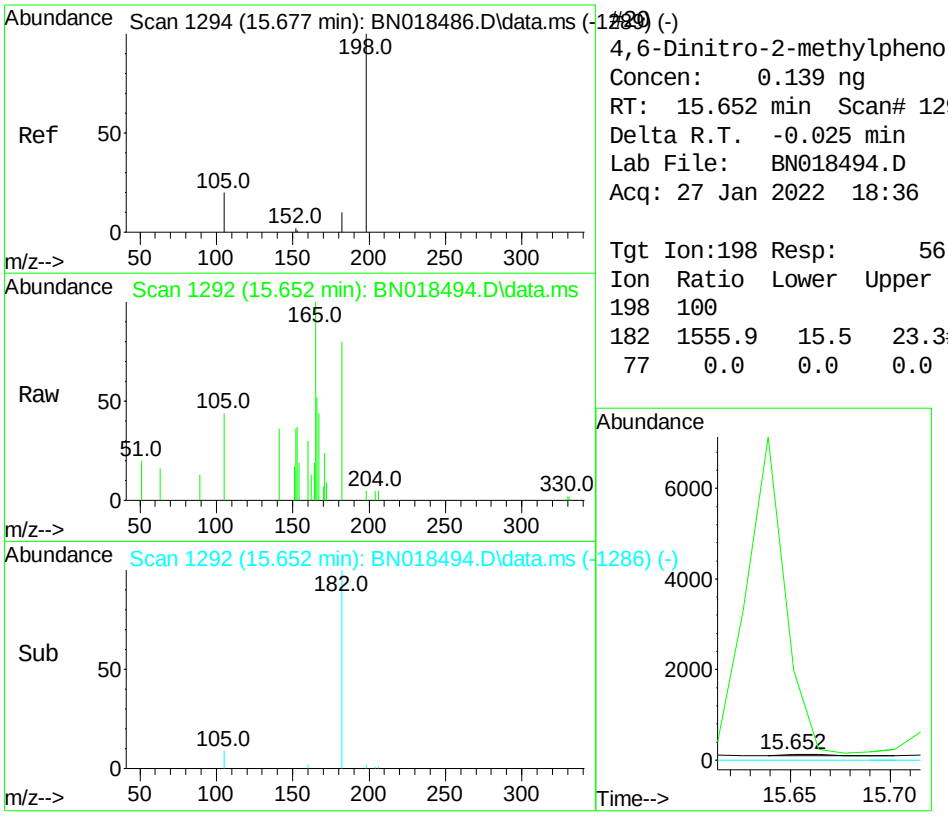


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:188 Resp: 149366

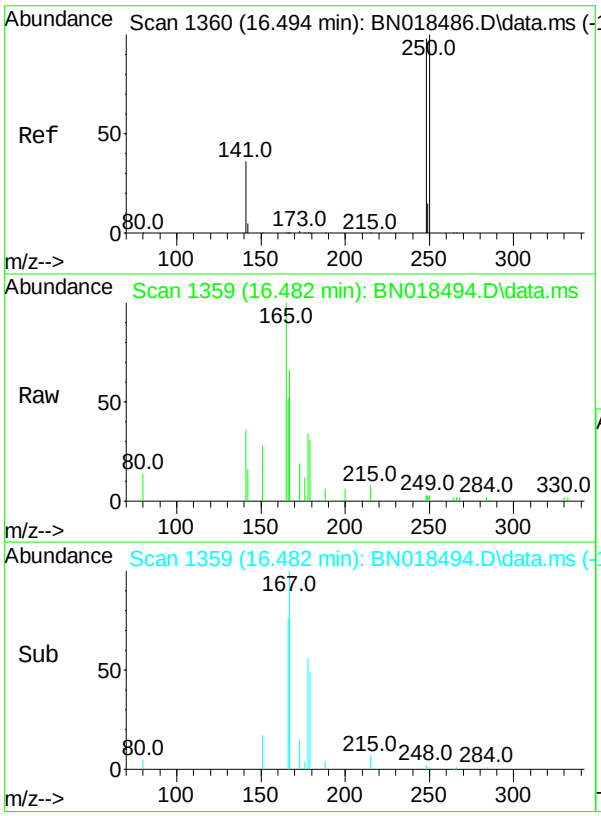
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.0	10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.652 min Scan# 1292
Delta R.T. -0.025 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
182	1555.9	15.5	23.3#
77	0.0	0.0	0.0

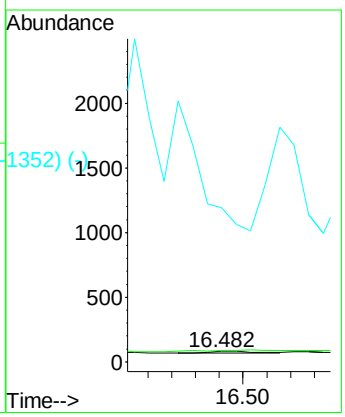


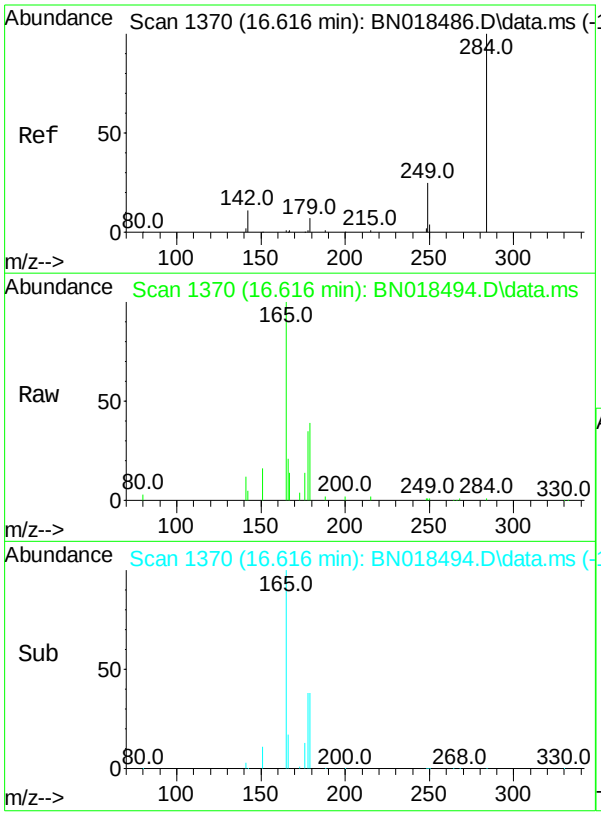
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.482 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:248 Resp: 33

Ion	Ratio	Lower	Upper
248	100		
250	108.4	74.4	111.6
141	1438.6	43.7	65.5#

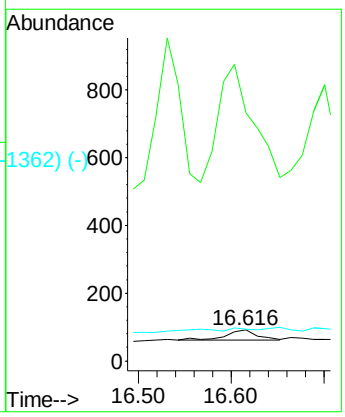


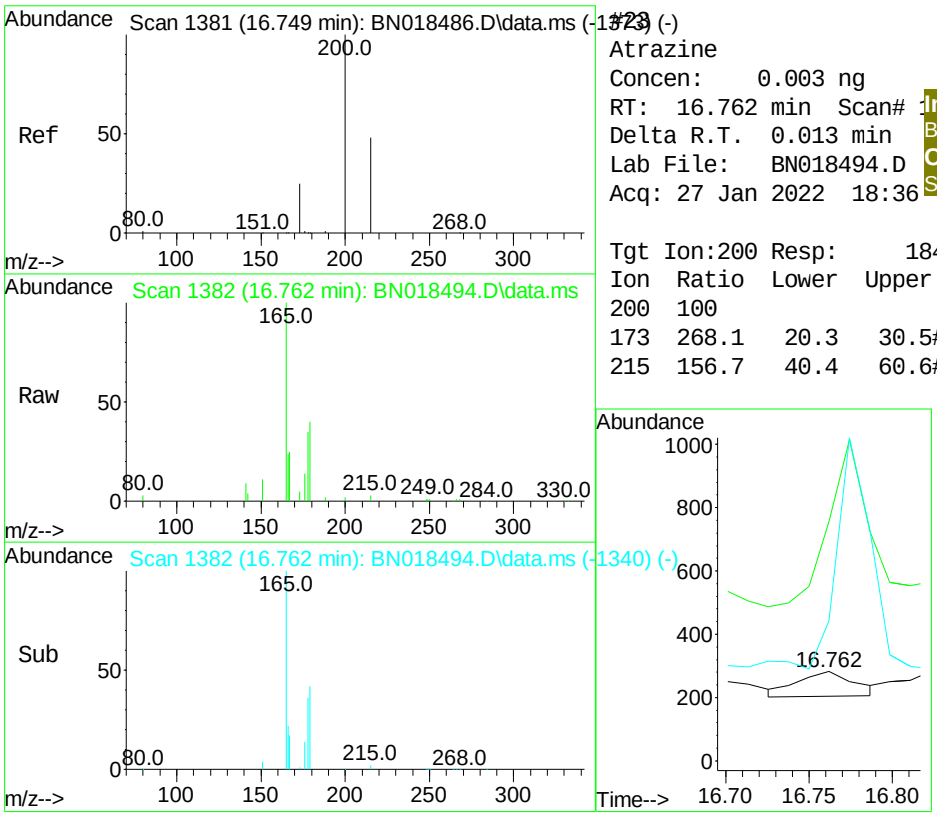


#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:284 Resp: 74

Ion	Ratio	Lower	Upper
284	100		
142	1212.2	21.6	32.4#
249	16.2	23.5	35.3#



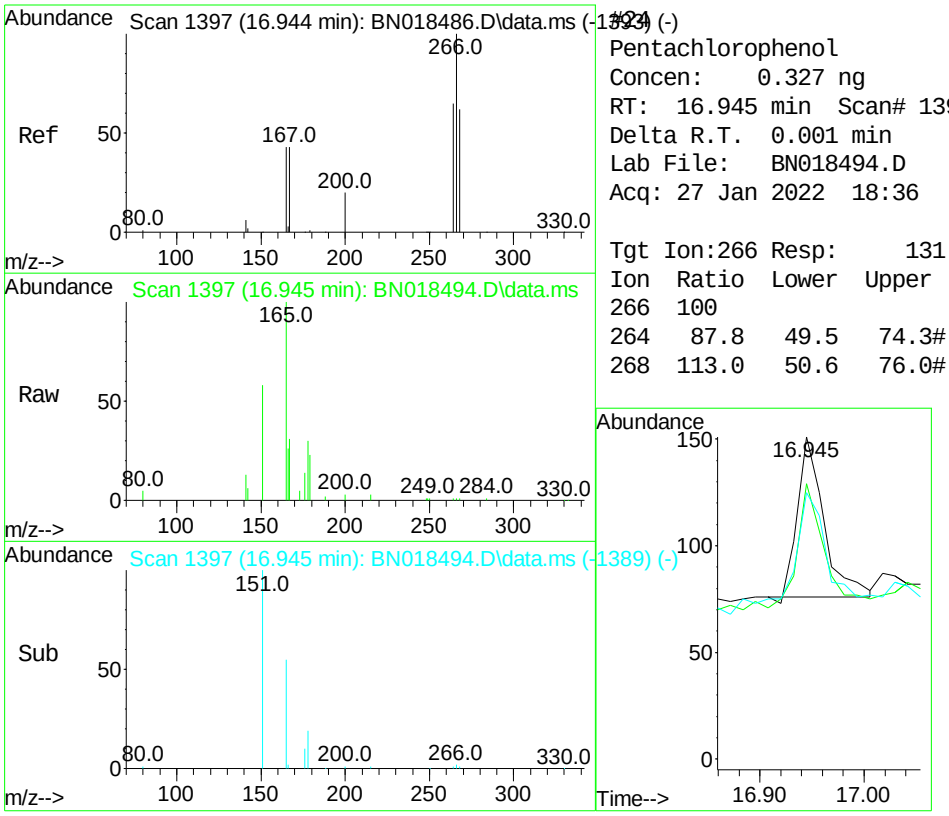


#23
Atrazine
Concen: 0.003 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:200 Resp: 184

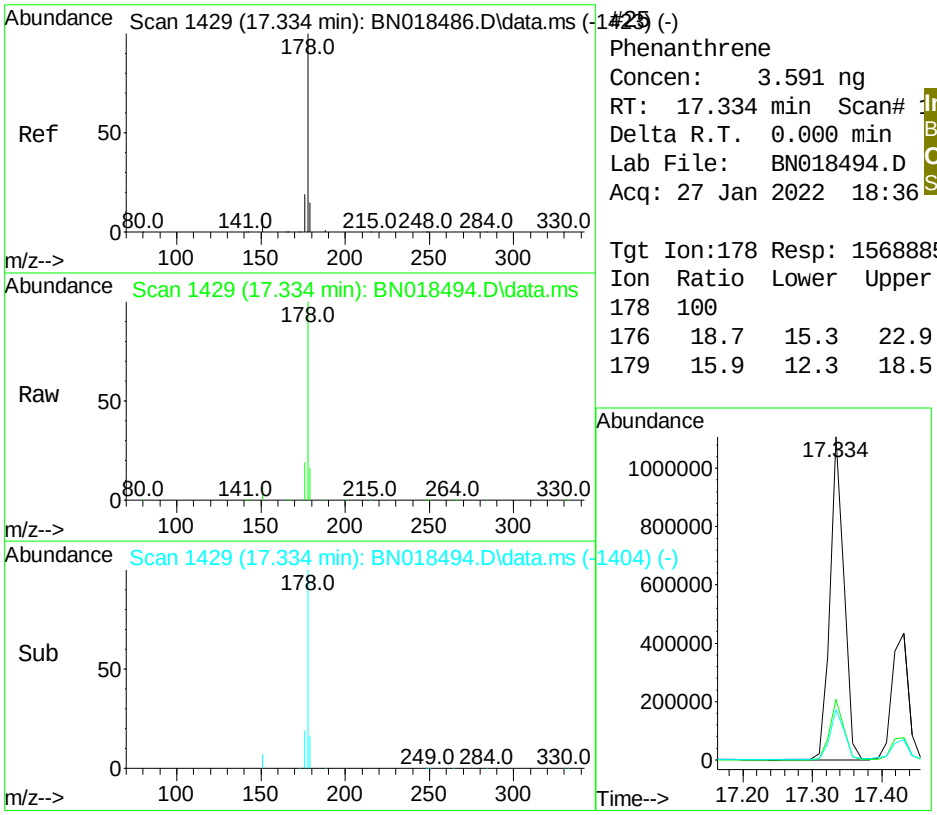
Ion	Ratio	Lower	Upper
200	100		
173	268.1	20.3	30.5#
215	156.7	40.4	60.6#



#24
Pentachlorophenol
Concen: 0.327 ng
RT: 16.945 min Scan# 1397
Delta R.T. 0.001 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:266 Resp: 131

Ion	Ratio	Lower	Upper
266	100		
264	87.8	49.5	74.3#
268	113.0	50.6	76.0#

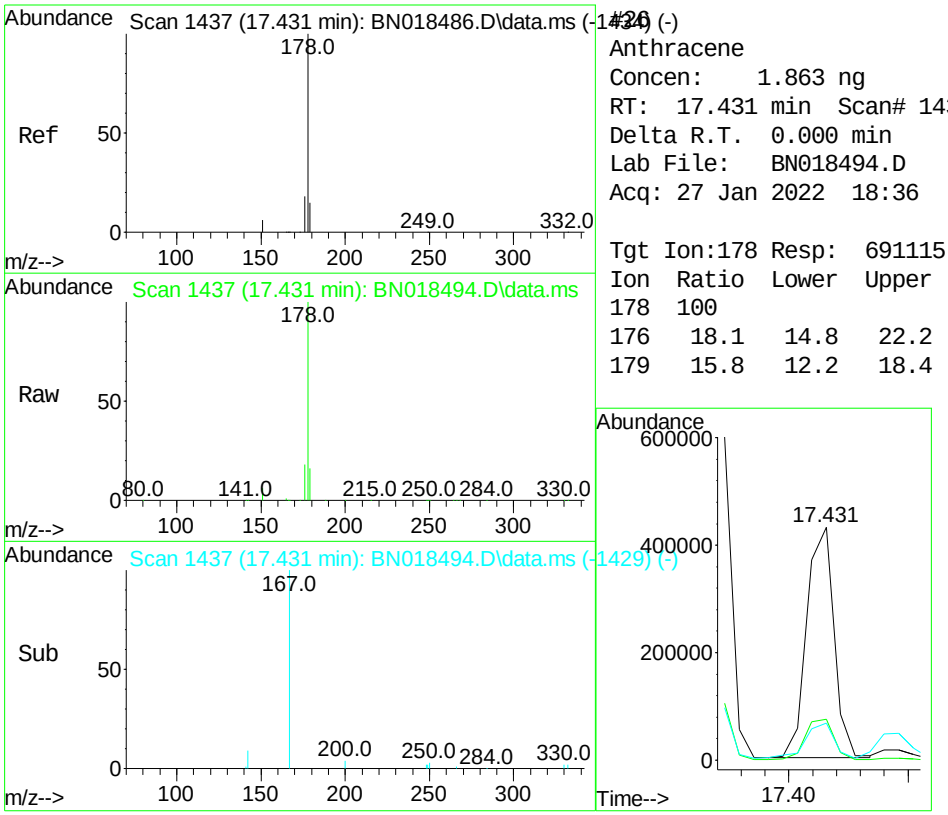


#25
Phenanthrene
Concen: 3.591 ng
RT: 17.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:178 Resp: 1568885

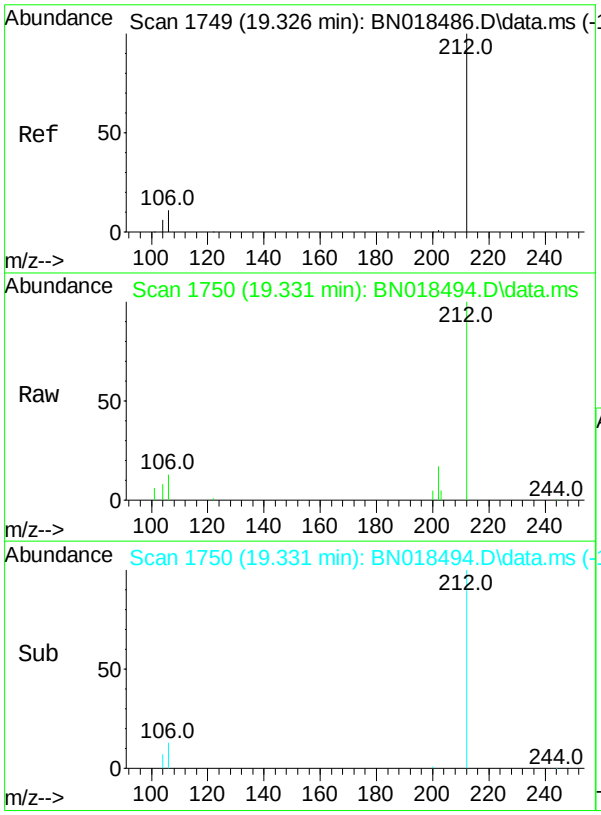
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.9	12.3	18.5



#26
Anthracene
Concen: 1.863 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:178 Resp: 691115

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.8	12.2	18.4

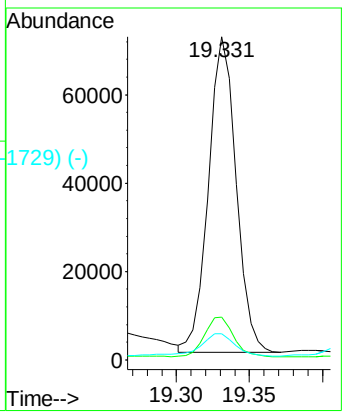


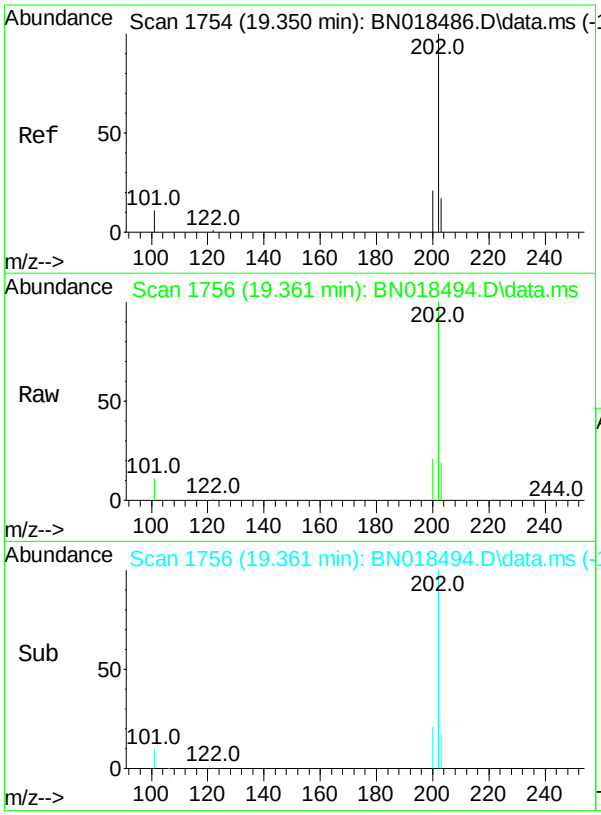
#27
Fluoranthene-d10
Concen: 0.213 ng
RT: 19.331 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:212 Resp: 93832

Ion	Ratio	Lower	Upper
212	100		
106	13.4	8.4	12.6#
104	9.1	4.5	6.7#

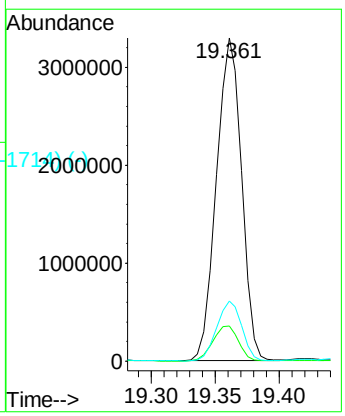


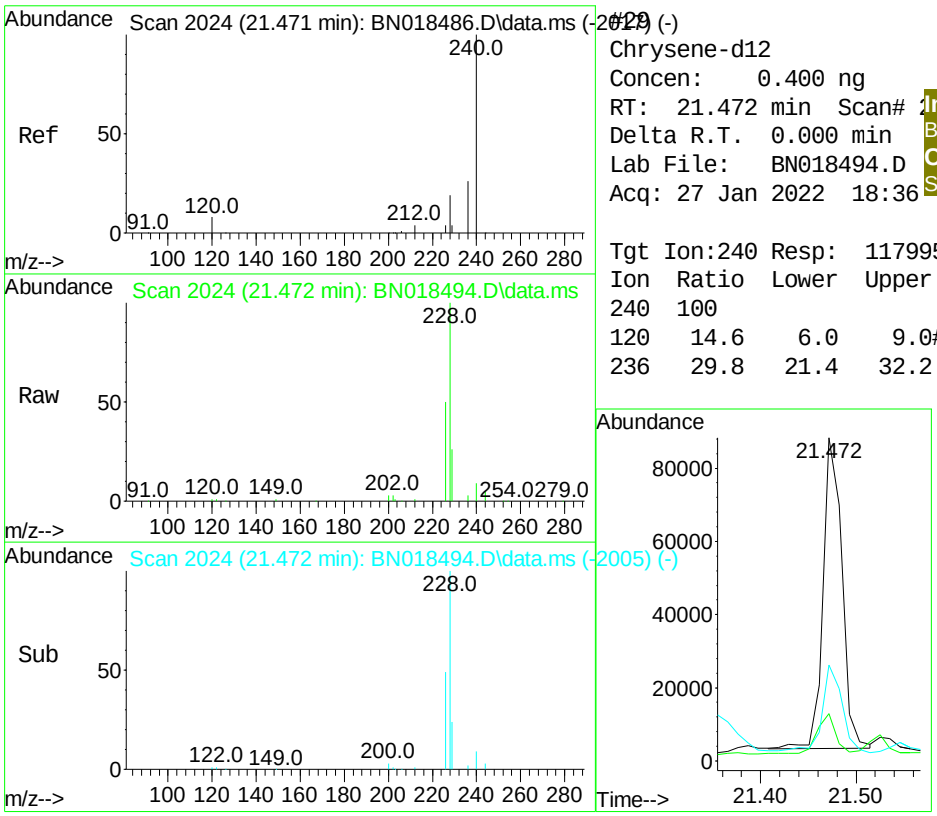


#28
Fluoranthene
Concen: 9.469 ng
RT: 19.361 min Scan# 1756
Delta R.T. 0.010 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:202 Resp: 4559060

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.2	10.8#
203	18.4	13.7	20.5



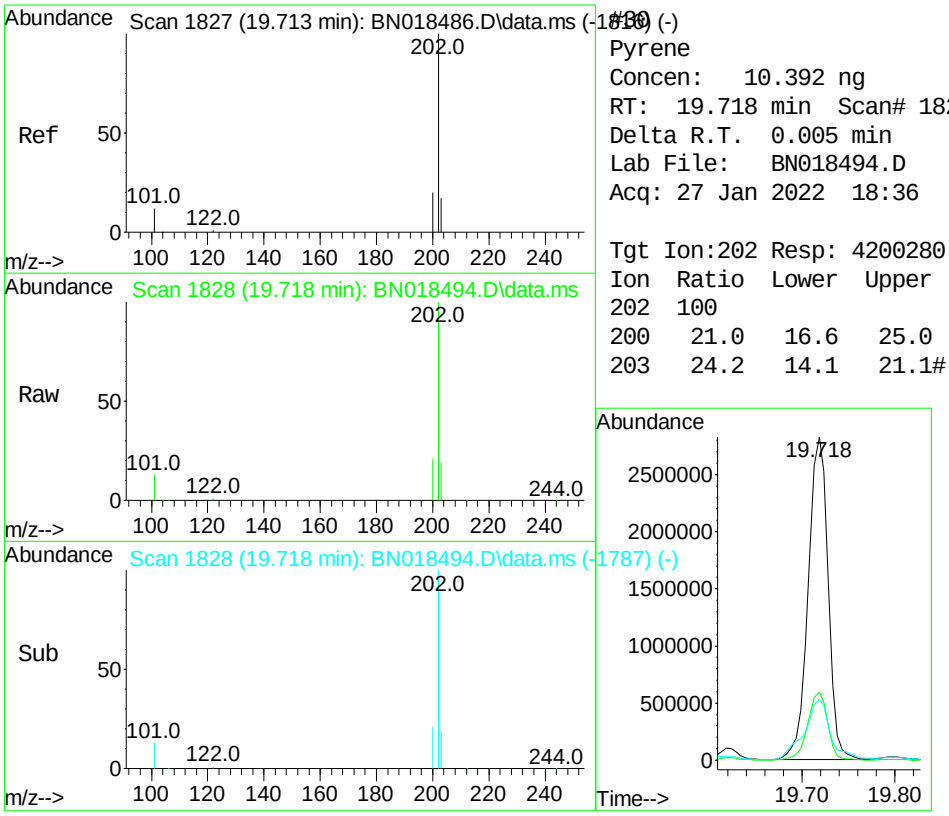


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:240 Resp: 117995

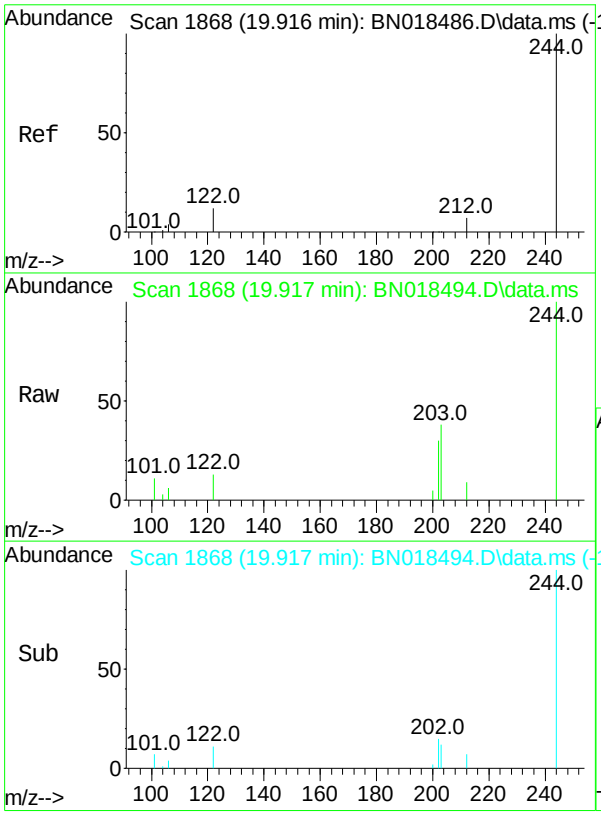
Ion	Ratio	Lower	Upper
240	100		
120	14.6	6.0	9.0#
236	29.8	21.4	32.2



#30
Pyrene
Concen: 10.392 ng
RT: 19.718 min Scan# 1828
Delta R.T. 0.005 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:202 Resp: 4200280

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	24.2	14.1	21.1#

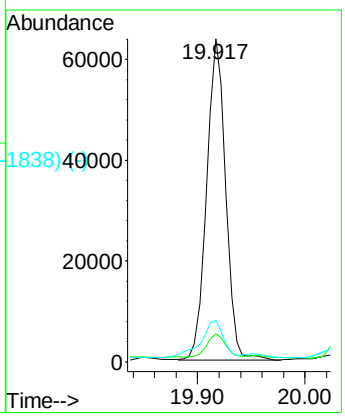


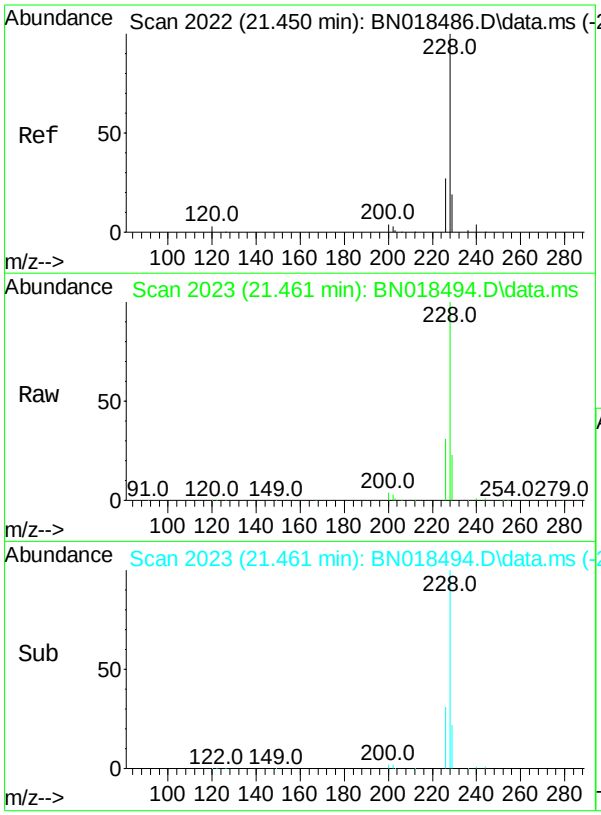
#31
Terphenyl-d14
Concen: 0.260 ng
RT: 19.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:244 Resp: 78063

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.2
122	12.8	7.9	11.9#

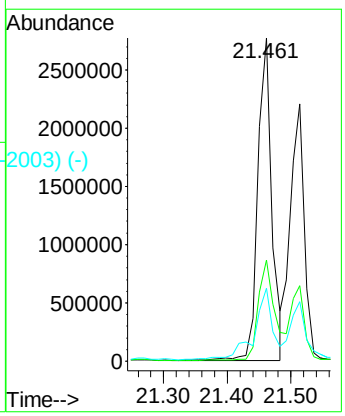


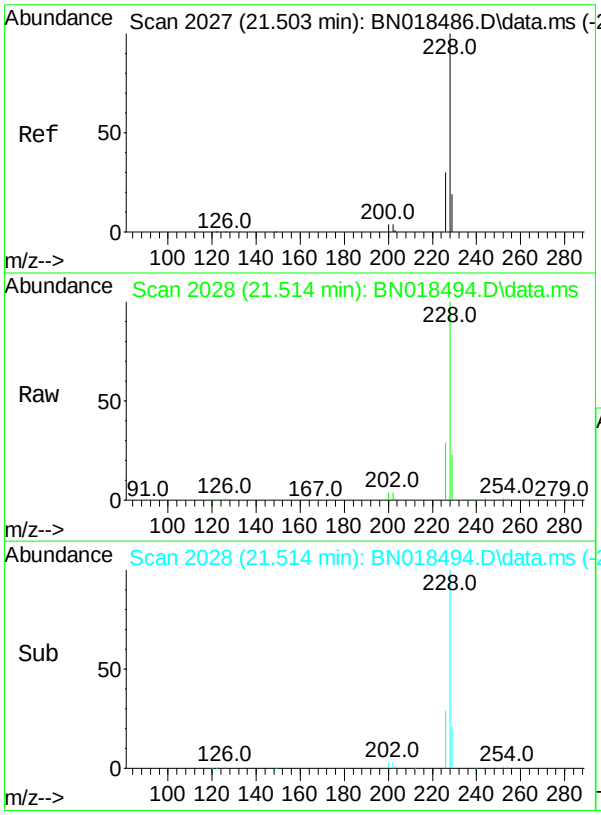


#32
Benzo(a)anthracene
Concen: 10.827 ng
RT: 21.461 min Scan# 2023
Delta R.T. 0.011 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:228 Resp: 4245511

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.3	31.9
229	22.6	15.9	23.9



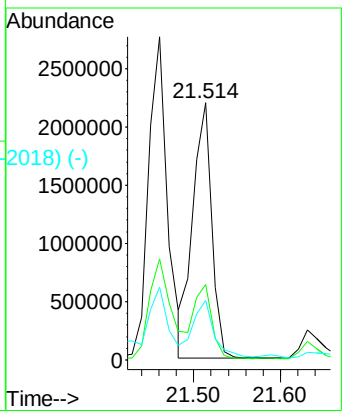


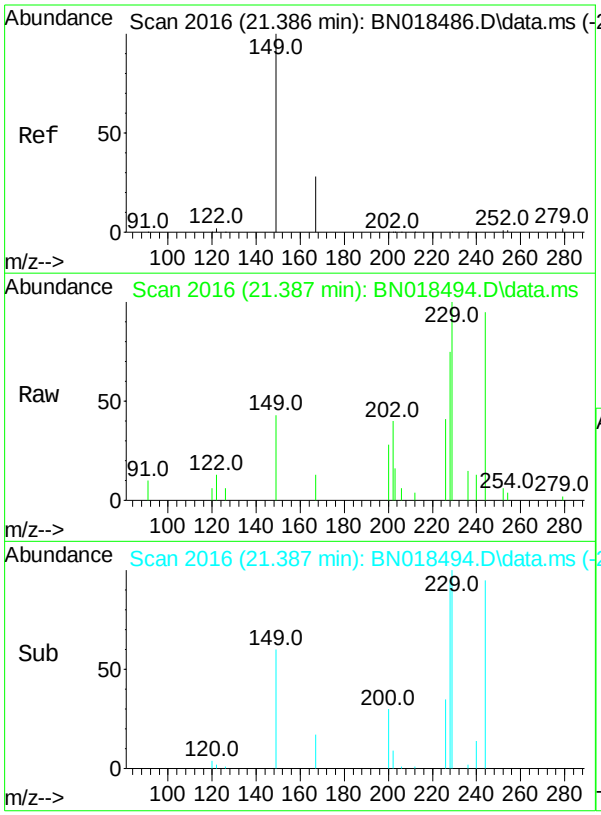
#33
Chrysene
Concen: 8.431 ng
RT: 21.514 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:228 Resp: 3350659

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	23.2	15.5	23.3

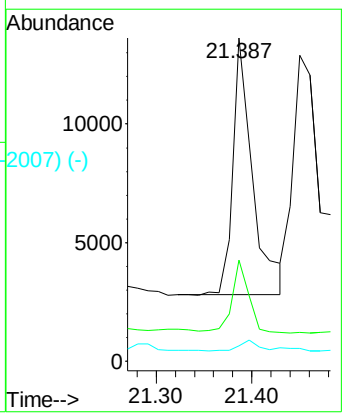


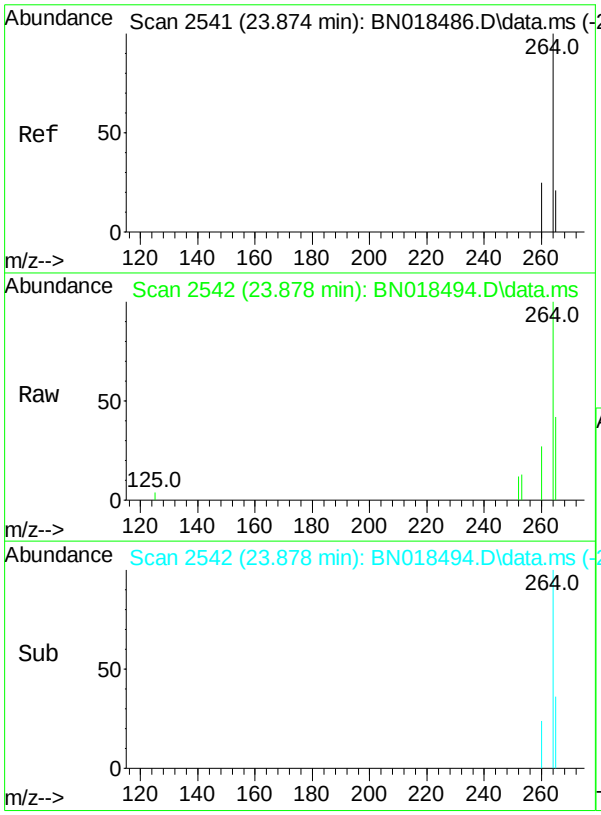


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:149 Resp: 15584

Ion	Ratio	Lower	Upper
149	100		
167	24.2	23.7	35.5
279	3.7	3.6	5.4



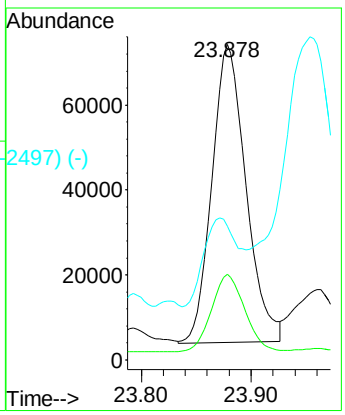


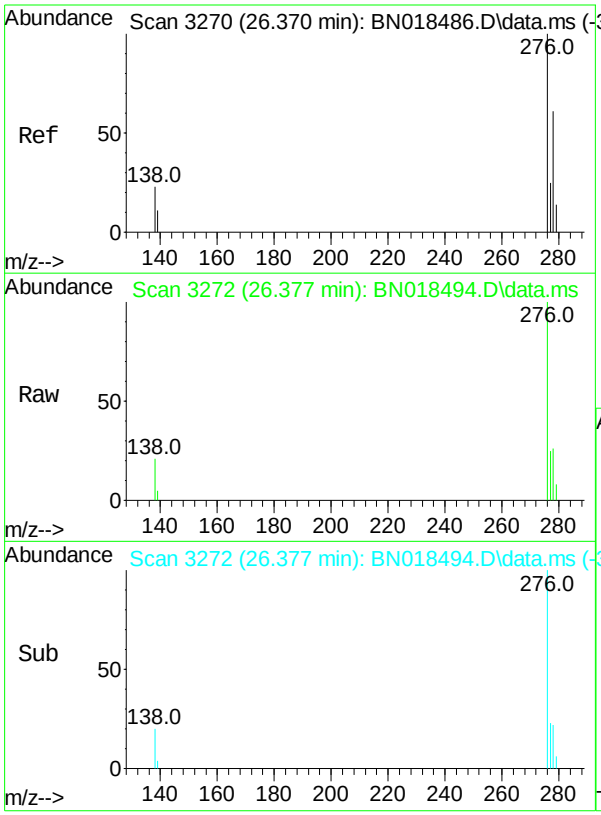
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.878 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:264 Resp: 150834

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.2	30.4
265	42.5	18.2	27.2#

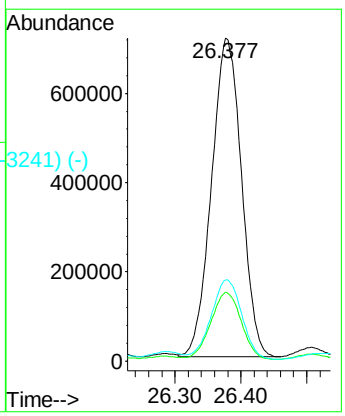


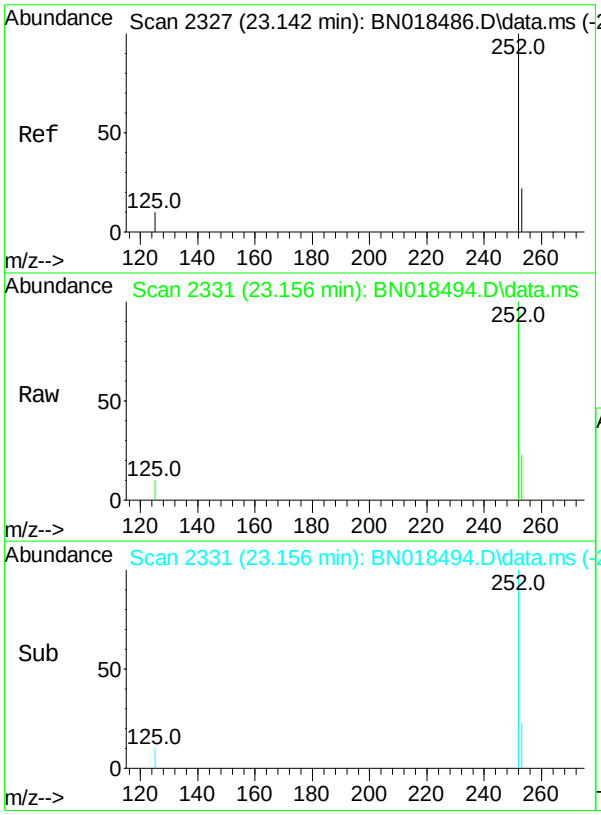


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.167 ng
RT: 26.377 min Scan# 3272
Delta R.T. 0.007 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:276 Resp: 2260279

Ion	Ratio	Lower	Upper
276	100		
138	21.4	14.9	22.3
277	25.4	19.9	29.9



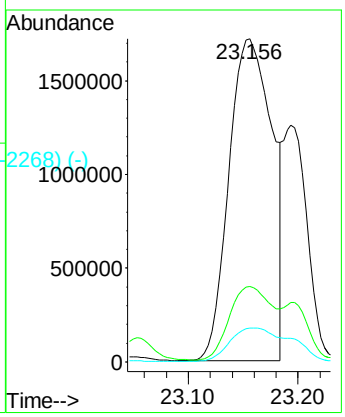


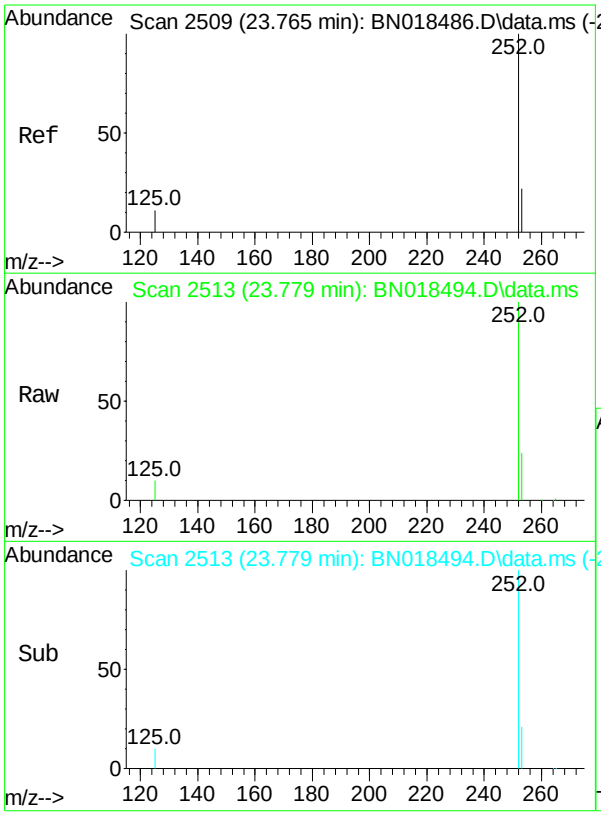
#37
Benzo(b)fluoranthene
Concen: 9.014 ng
RT: 23.156 min Scan# 2
Delta R.T. 0.014 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:252 Resp: 4681046

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.4	6.0	9.0#

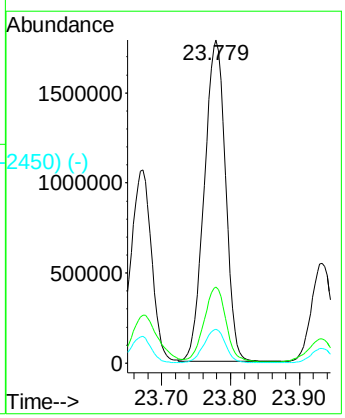


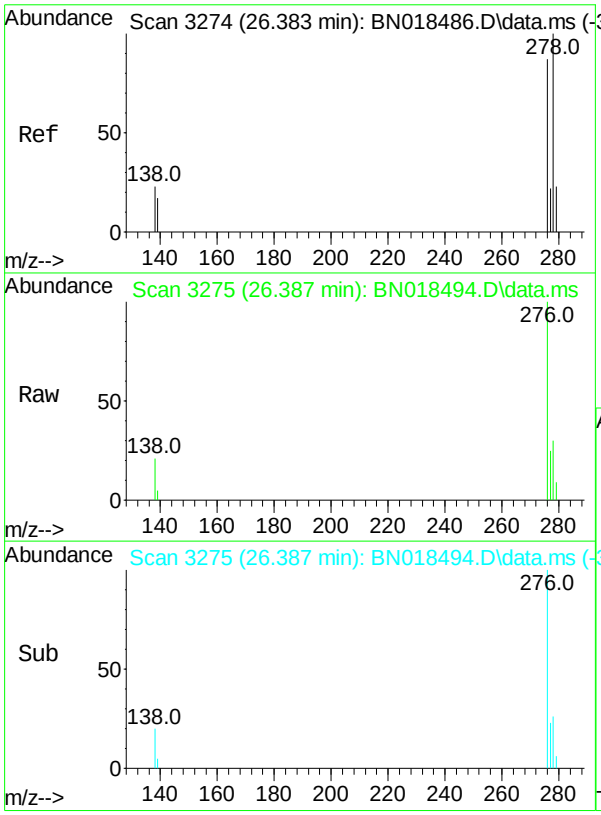


#39
Benzo(a)pyrene
Concen: 9.199 ng
RT: 23.779 min Scan# 2513
Delta R.T. 0.014 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:252 Resp: 3822208

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.5	7.0	10.4#



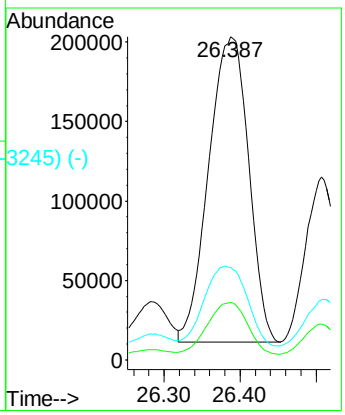


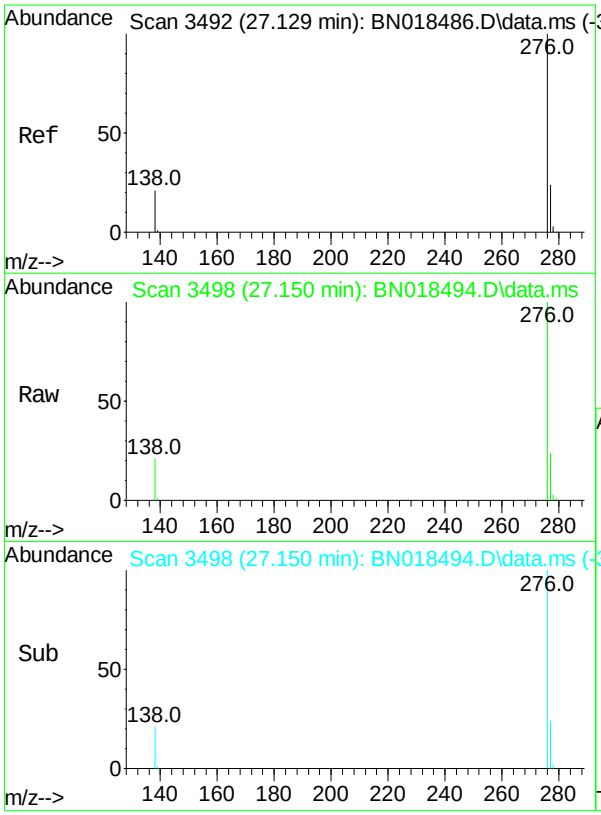
#40
Dibenzo(a,h)anthracene
Concen: 1.661 ng
RT: 26.387 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Tgt Ion:278 Resp: 702372

Ion	Ratio	Lower	Upper
278	100		
139	17.7	10.8	16.2#
279	28.7	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 3.926 ng
RT: 27.150 min Scan# 3498
Delta R.T. 0.021 min
Lab File: BN018494.D
Acq: 27 Jan 2022 18:36

Tgt Ion:276 Resp: 1853034

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	21.1	12.6	19.0#