Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018488.D
Acq On : 27 Jan 2022 13:52
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 28 02:37:39 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

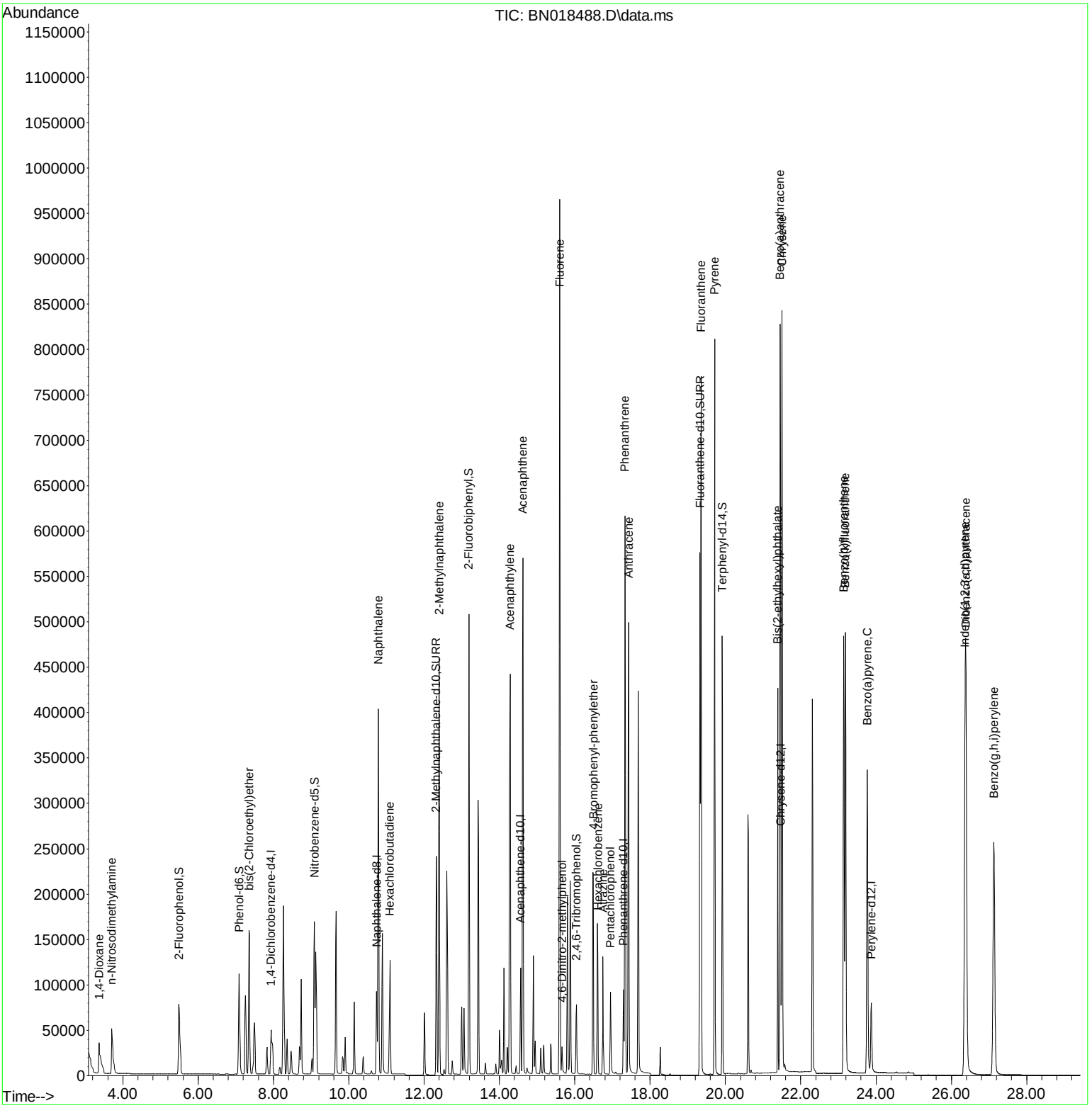
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	28560	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	119736	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	67010	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	126866	0.400	ng		0.00
29) Chrysene-d12	21.472	240	124802	0.400	ng		0.00
35) Perylene-d12	23.875	264	110174	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	119221	1.683	ng		0.00
5) Phenol-d6	7.089	99	132902	1.726	ng		0.00
8) Nitrobenzene-d5	9.088	82	139274	2.016	ng		0.00
11) 2-Methylnaphthalene-d10	12.323	152	320621	1.596	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	47833	2.369	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	424547	1.766	ng		0.00
27) Fluoranthene-d10	19.321	212	632900	1.654	ng		0.00
31) Terphenyl-d14	19.917	244	512184	1.320	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	33210	2.226	ng	#	58
3) n-Nitrosodimethylamine	3.705	42	49238	2.094	ng		100
6) bis(2-Chloroethyl)ether	7.356	93	138369	1.779	ng		99
9) Naphthalene	10.787	128	511149	1.754	ng		100
10) Hexachlorobutadiene	11.091	225	103714	1.800	ng	#	100
12) 2-Methylnaphthalene	12.398	142	344311	1.695	ng		99
16) Acenaphthylene	14.281	152	492057	1.982	ng		100
17) Acenaphthene	14.624	154	311699	1.762	ng		97
18) Fluorene	15.601	166	393610	1.850	ng		99
20) 4,6-Dinitro-2-methylph...	15.664	198	22066	4.167	ng	#	76
21) 4-Bromophenyl-phenylether	16.494	248	130898	1.922	ng	#	80
22) Hexachlorobenzene	16.616	284	140707	1.869	ng	#	94
23) Atrazine	16.750	200	92618	2.036	ng		98
24) Pentachlorophenol	16.944	266	44398	1.837	ng		99
25) Phenanthrene	17.334	178	617992	1.835	ng		99
26) Anthracene	17.431	178	559458	1.964	ng		100
28) Fluoranthene	19.351	202	685685	1.864	ng	#	98
30) Pyrene	19.713	202	703532	1.321	ng		99
32) Benzo(a)anthracene	21.450	228	701347	1.775	ng		99
33) Chrysene	21.503	228	680405	1.740	ng		100
34) Bis(2-ethylhexyl)phtha...	21.387	149	333818	1.073	ng		98
36) Indeno(1,2,3-cd)pyrene	26.363	276	683318	3.489	ng	#	94
37) Benzo(b)fluoranthene	23.139	252	636039	1.603	ng	#	98
38) Benzo(k)fluoranthene	23.186	252	647247	1.854	ng	#	98
39) Benzo(a)pyrene	23.765	252	524938	1.807	ng	#	98
40) Dibenzo(a,h)anthracene	26.387	278	535216	4.143	ng	#	97
41) Benzo(g,h,i)perylene	27.130	276	589562	2.959	ng	#	95

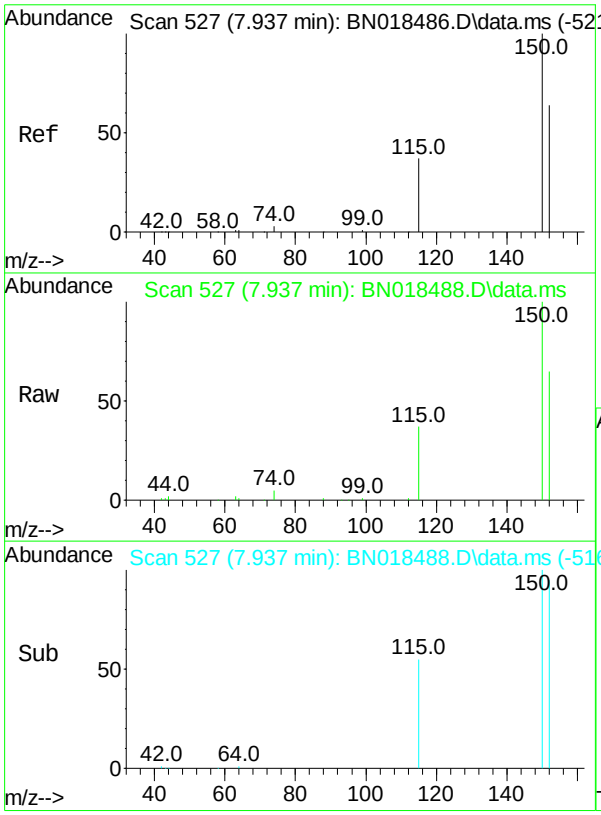
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018488.D
Acq On : 27 Jan 2022 13:52
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 28 02:37:39 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



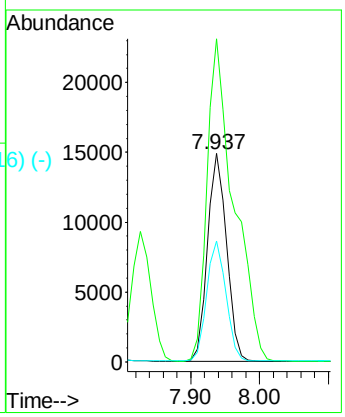


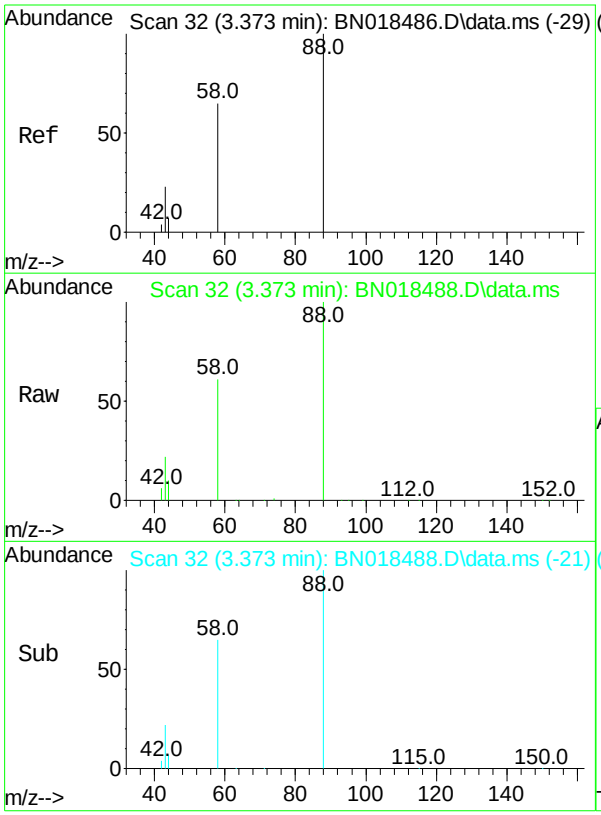
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 28560

Ion	Ratio	Lower	Upper
152	100		
150	154.9	121.7	182.5
115	58.1	43.8	65.8

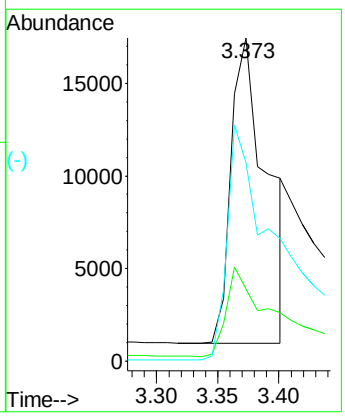


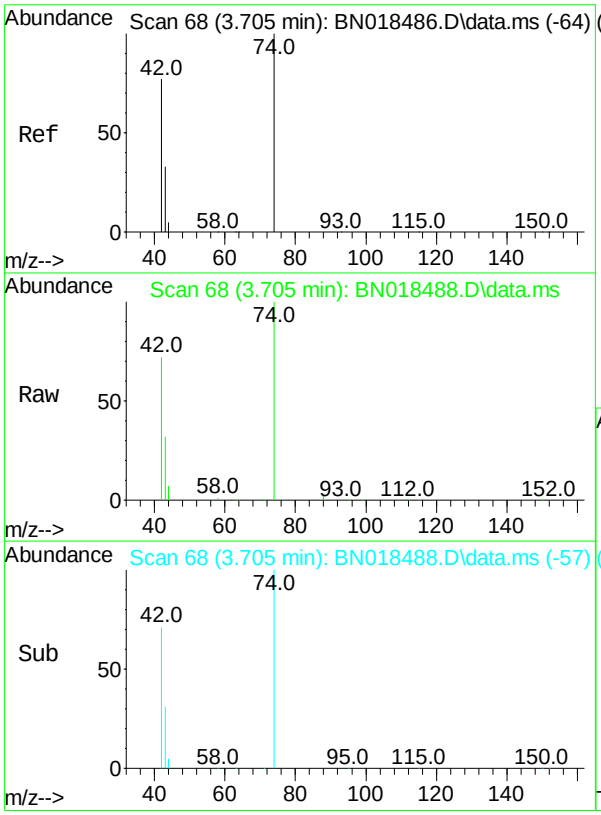


#2
1,4-Dioxane
Concen: 2.226 ng
RT: 3.373 min Scan# 32
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion: 88 Resp: 33210

Ion	Ratio	Lower	Upper
88	100		
43	29.5	69.7	104.5#
58	79.4	83.8	125.8#



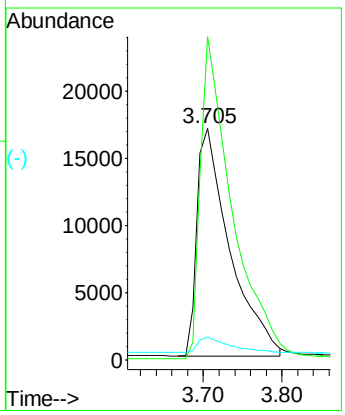


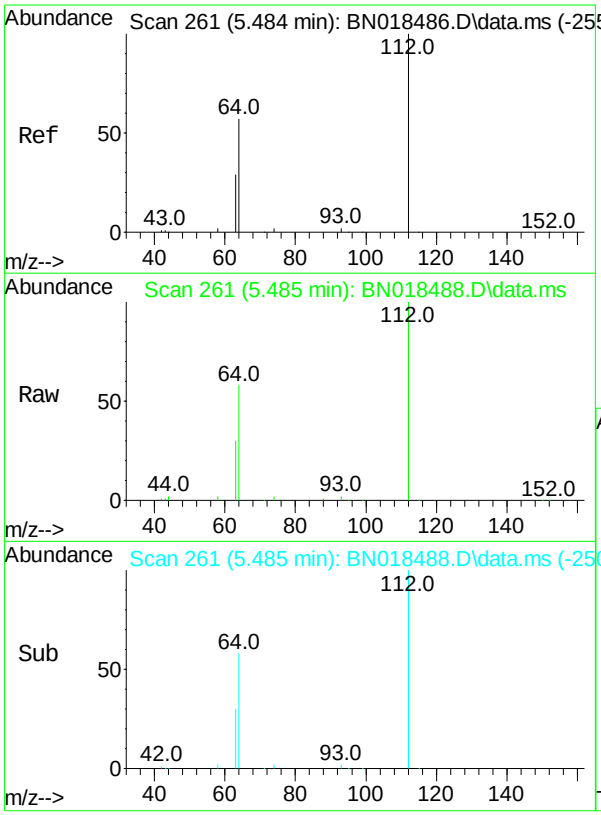
#3
n-Nitrosodimethylamine
Concen: 2.094 ng
RT: 3.705 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 49238

Ion	Ratio	Lower	Upper
42	100		
74	135.7	108.6	163.0
44	6.6	5.8	8.8

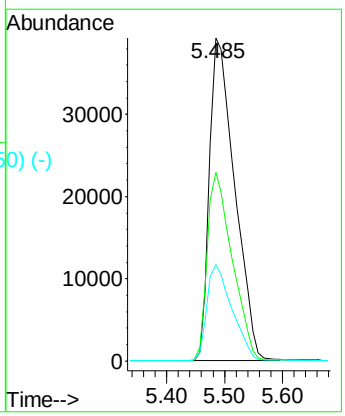


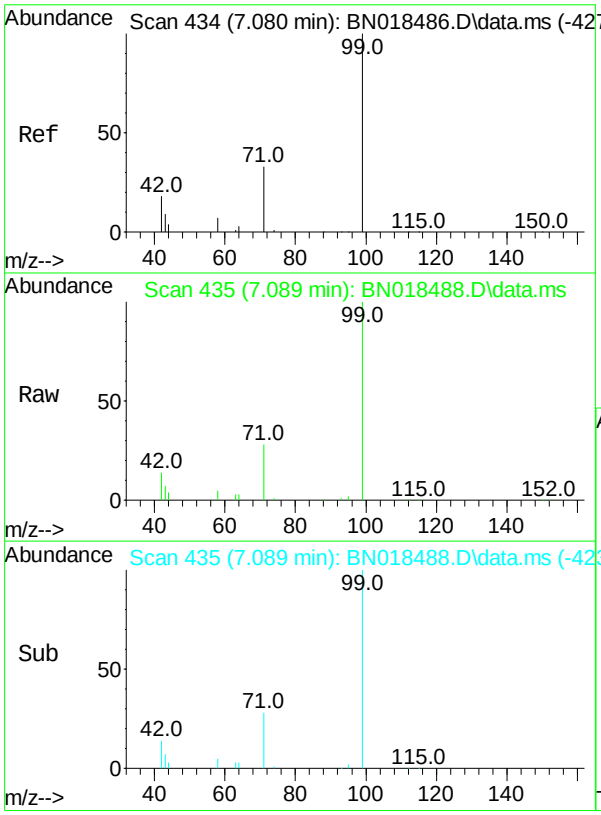


#4
2-Fluorophenol
Concen: 1.683 ng
RT: 5.485 min Scan# 261
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:112 Resp: 119221

Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.0	72.0
63	29.4	25.3	37.9



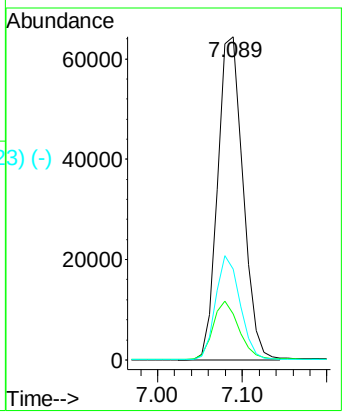


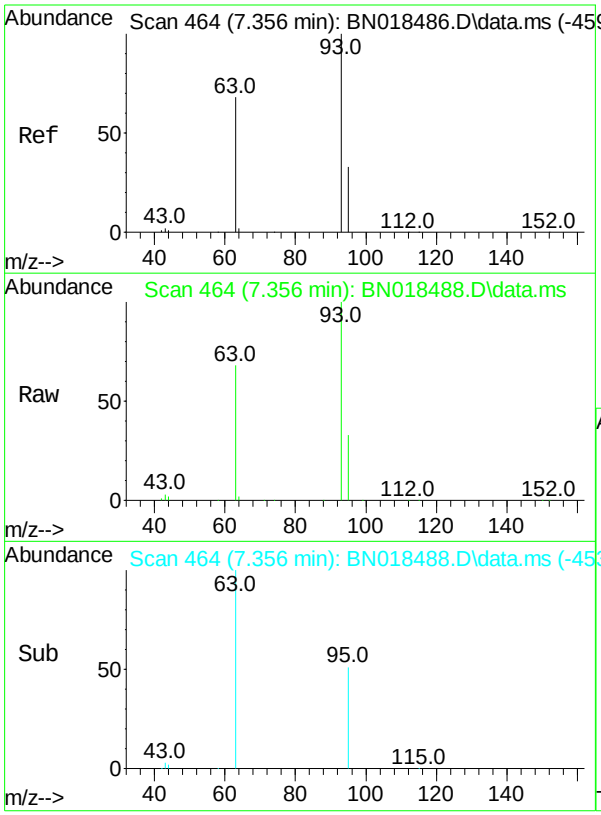
#5
Phenol-d6
Concen: 1.726 ng
RT: 7.089 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 132902

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

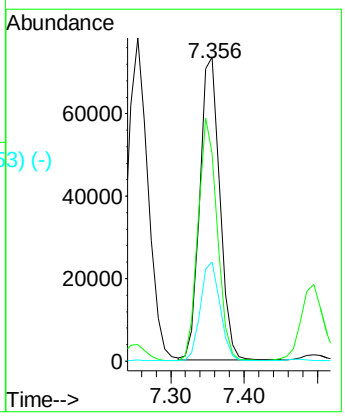


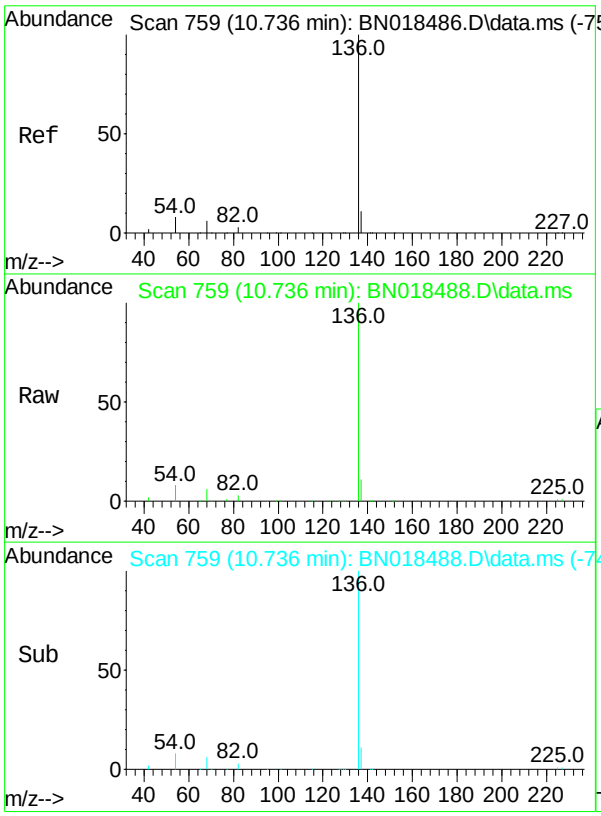


#6
bis(2-Chloroethyl)ether
Concen: 1.779 ng
RT: 7.356 min Scan# 464
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion: 93 Resp: 138369

Ion	Ratio	Lower	Upper
93	100		
63	76.6	61.7	92.5
95	32.3	26.2	39.4



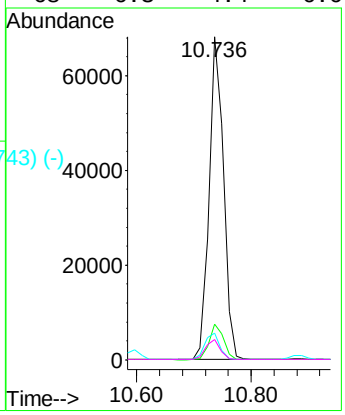


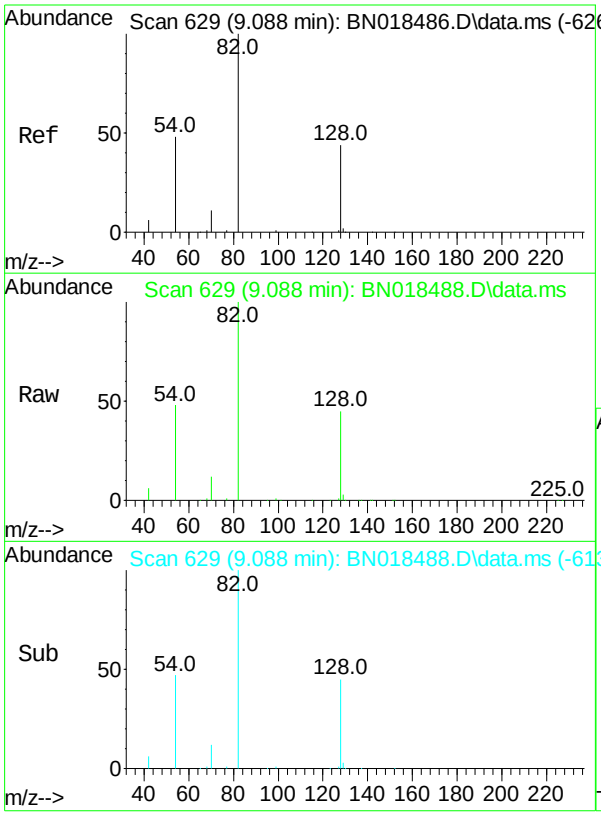
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.736 min Scan#
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 119736

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	5.0	7.6#
68	6.3	4.4	6.6

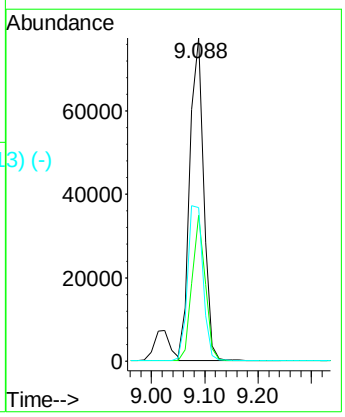


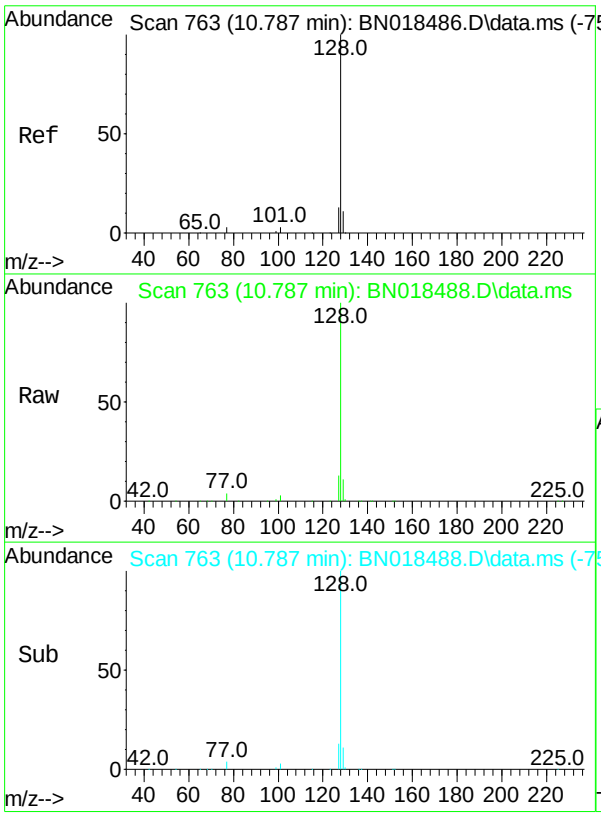


#8
Nitrobenzene-d5
Concen: 2.016 ng
RT: 9.088 min Scan# 629
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion: 82 Resp: 139274

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.7	50.5
54	47.6	36.6	55.0



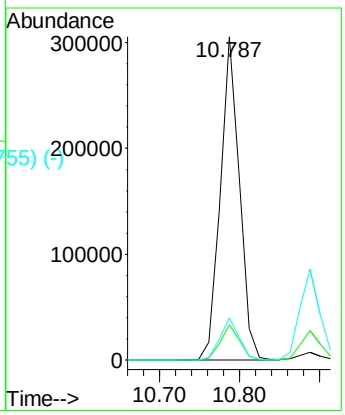


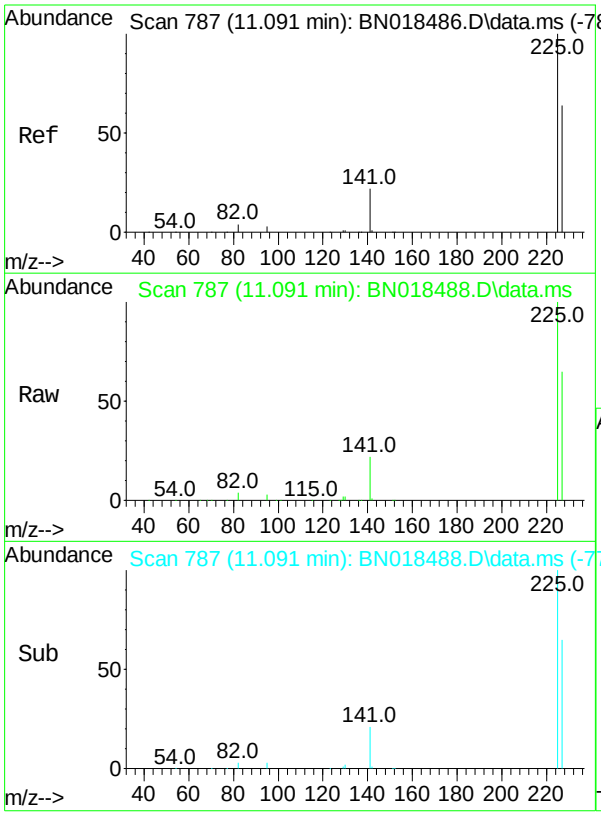
#9
Naphthalene
Concen: 1.754 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 511149

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

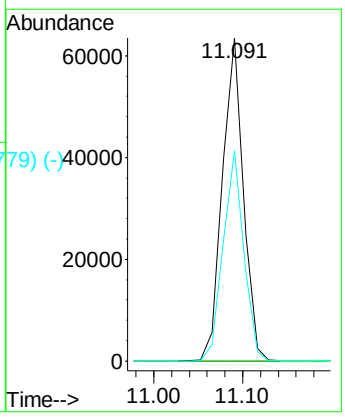


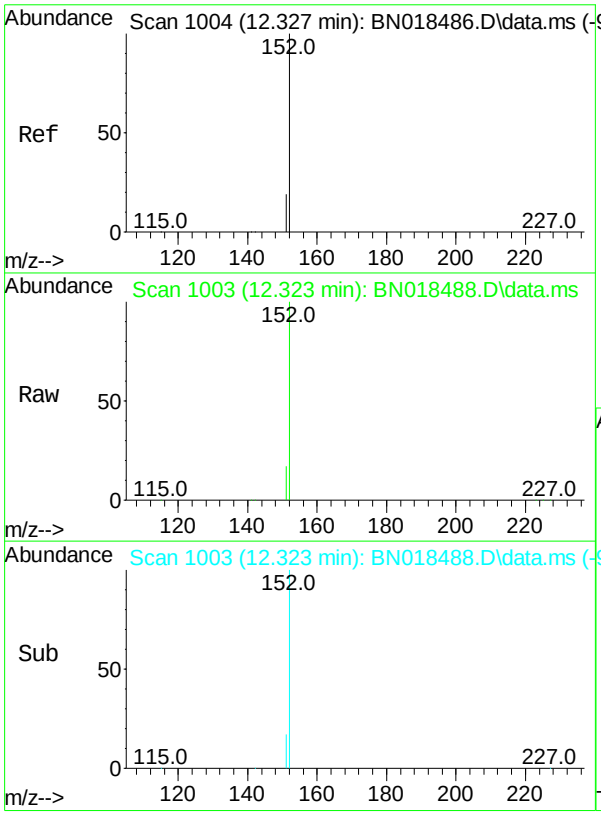


#10
Hexachlorobutadiene
Concen: 1.800 ng
RT: 11.091 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:225 Resp: 103714

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



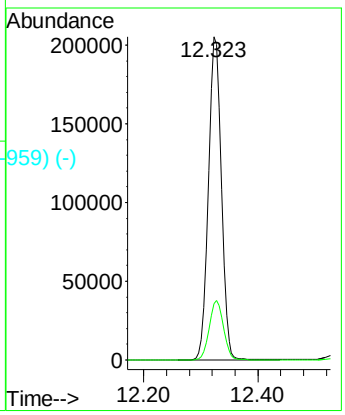


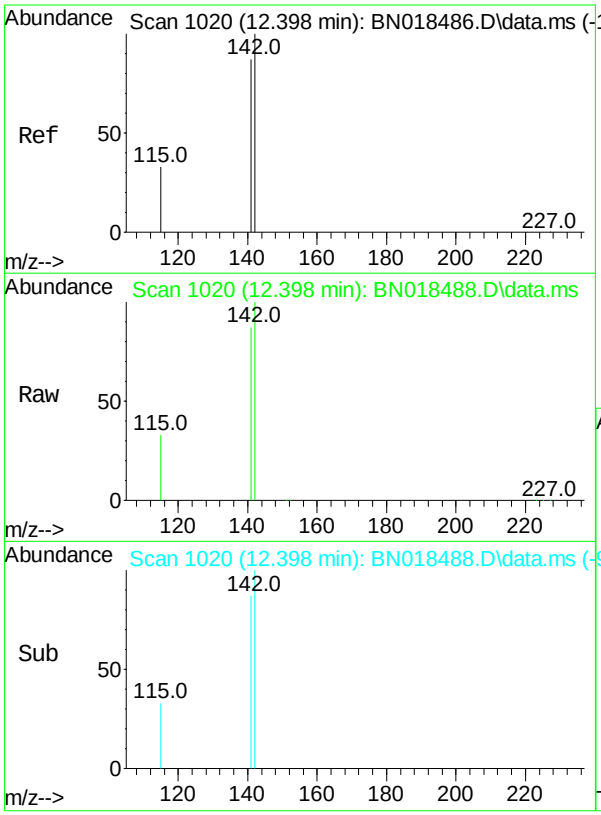
#11
2-Methylnaphthalene-d10
Concen: 1.596 ng
RT: 12.323 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 320621

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

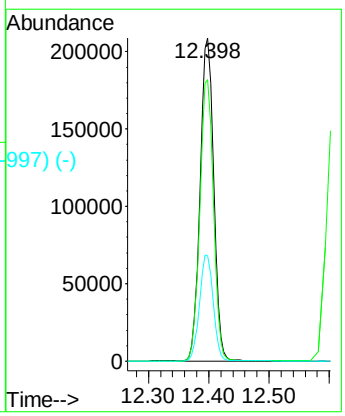


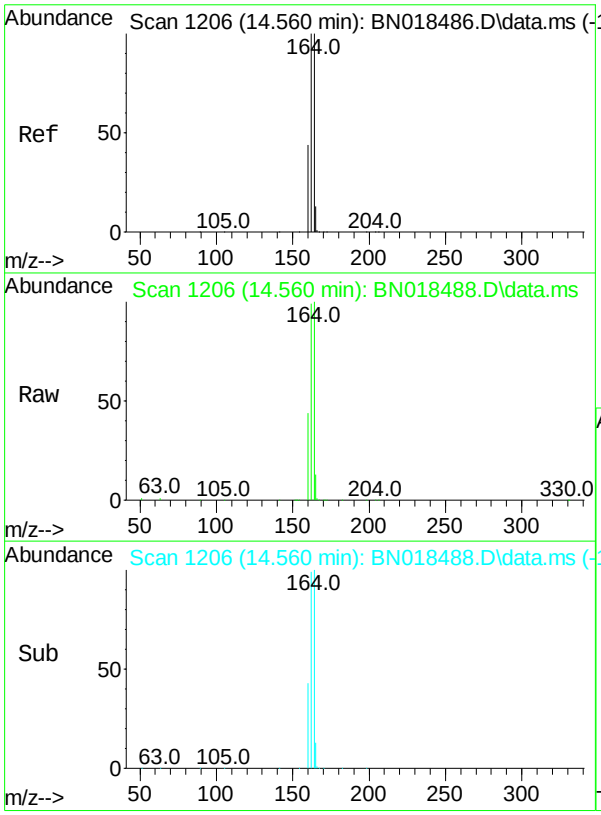


#12
2-Methylnaphthalene
Concen: 1.695 ng
RT: 12.398 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:142 Resp: 344311

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.0	105.0
115	32.6	27.8	41.8



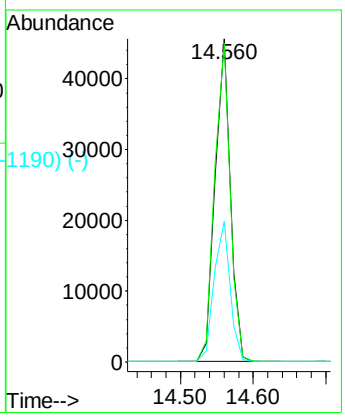


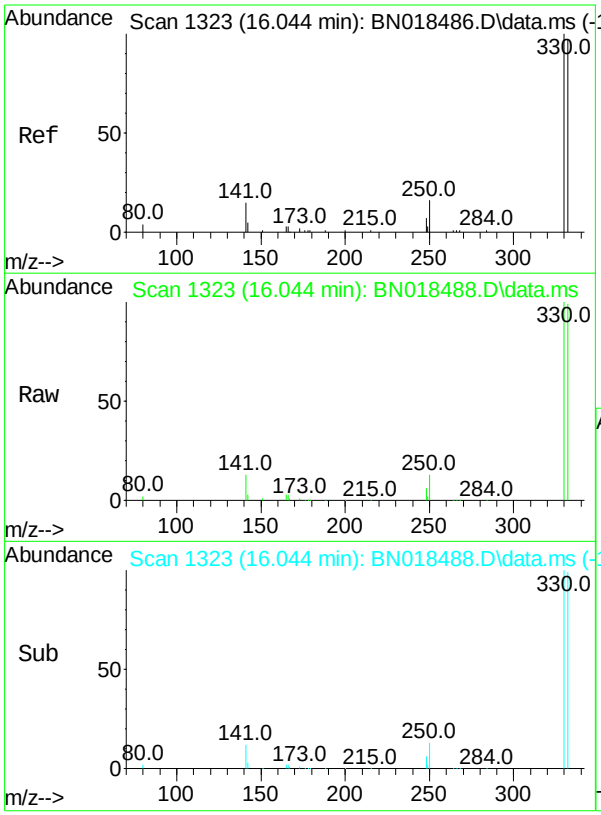
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 67010

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.2	120.2
160	43.5	36.9	55.3

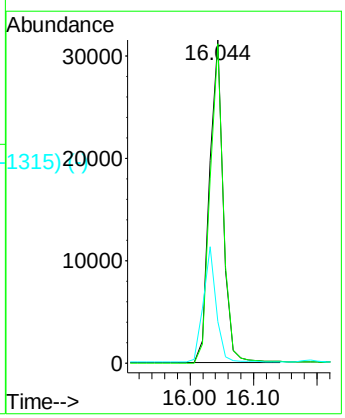


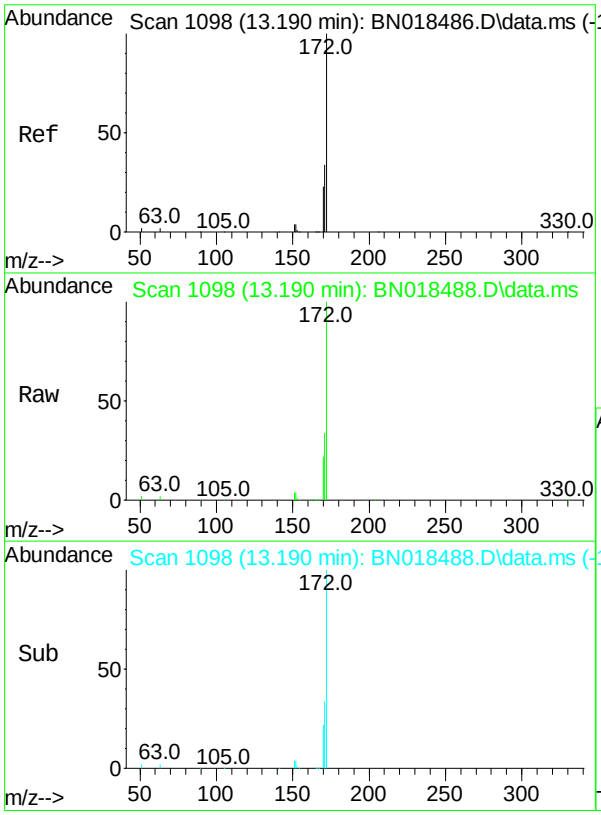


#14
2,4,6-Tribromophenol
Concen: 2.369 ng
RT: 16.044 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:330 Resp: 47833

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	33.6	21.3	31.9#



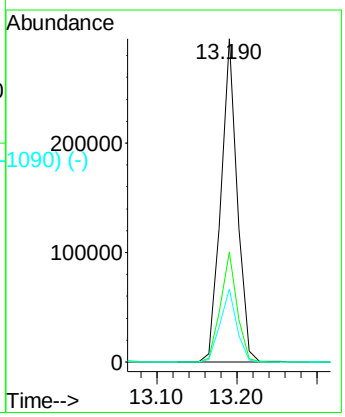


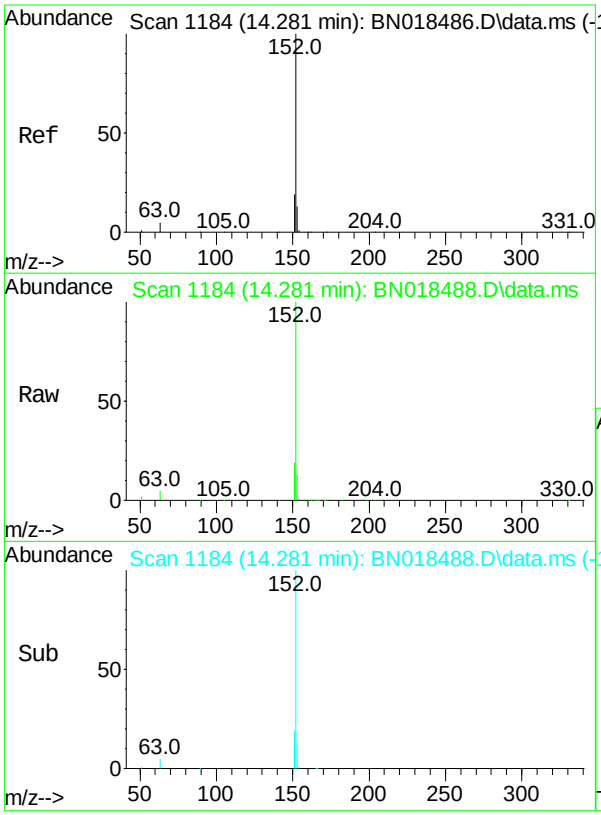
#15
2-Fluorobiphenyl
Concen: 1.766 ng
RT: 13.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 424547

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	22.5	18.4	27.6

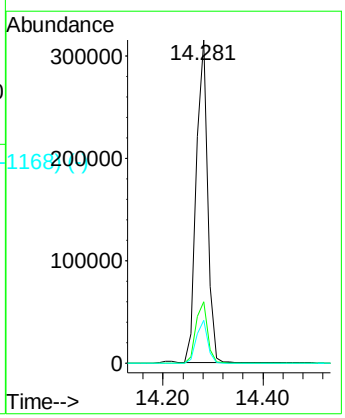


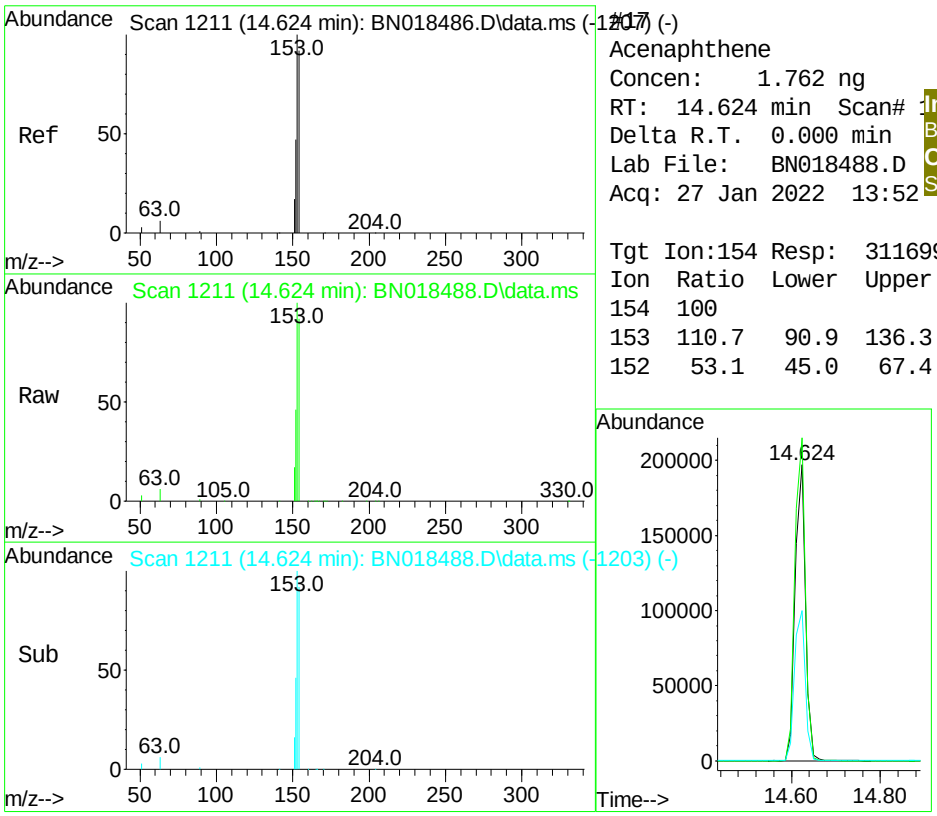


#16
Acenaphthylene
Concen: 1.982 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:152 Resp: 492057

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.5	15.7



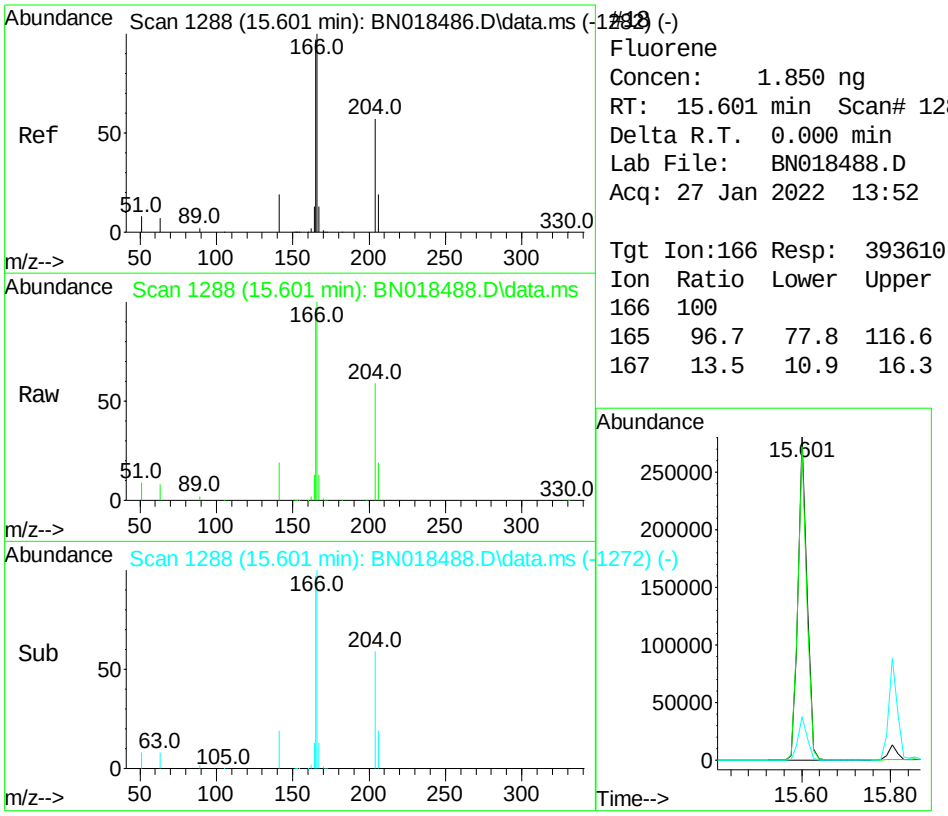


#17
Acenaphthene
Concen: 1.762 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 311699

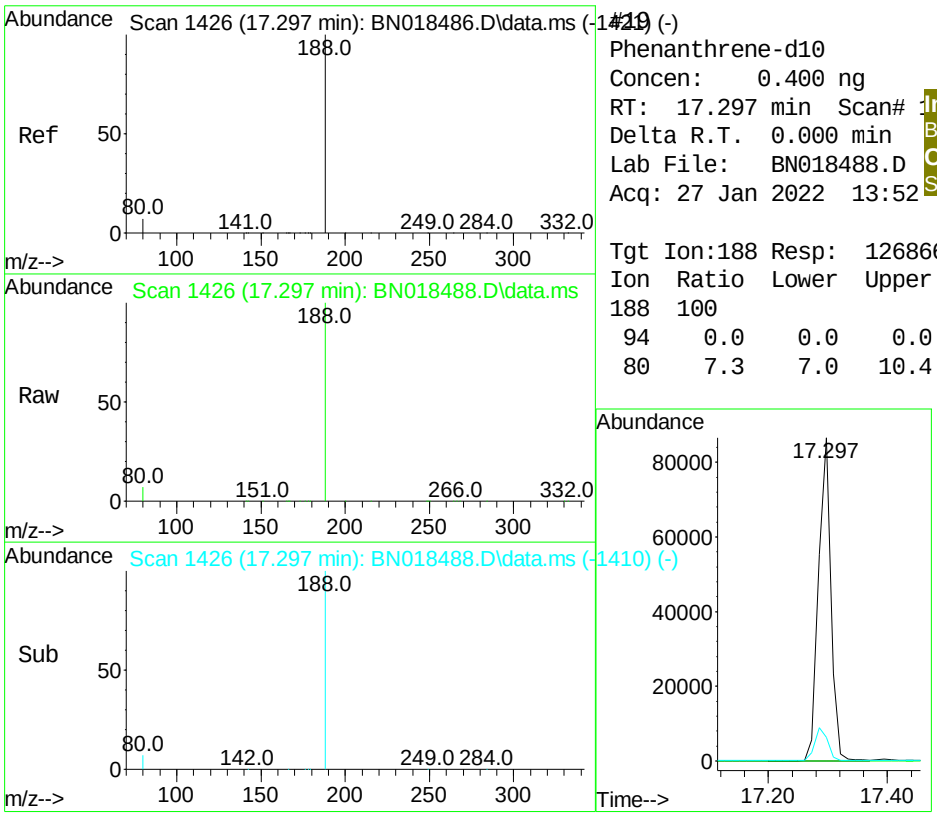
Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.9	136.3
152	53.1	45.0	67.4



#18
Fluorene
Concen: 1.850 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:166 Resp: 393610

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.6
167	13.5	10.9	16.3

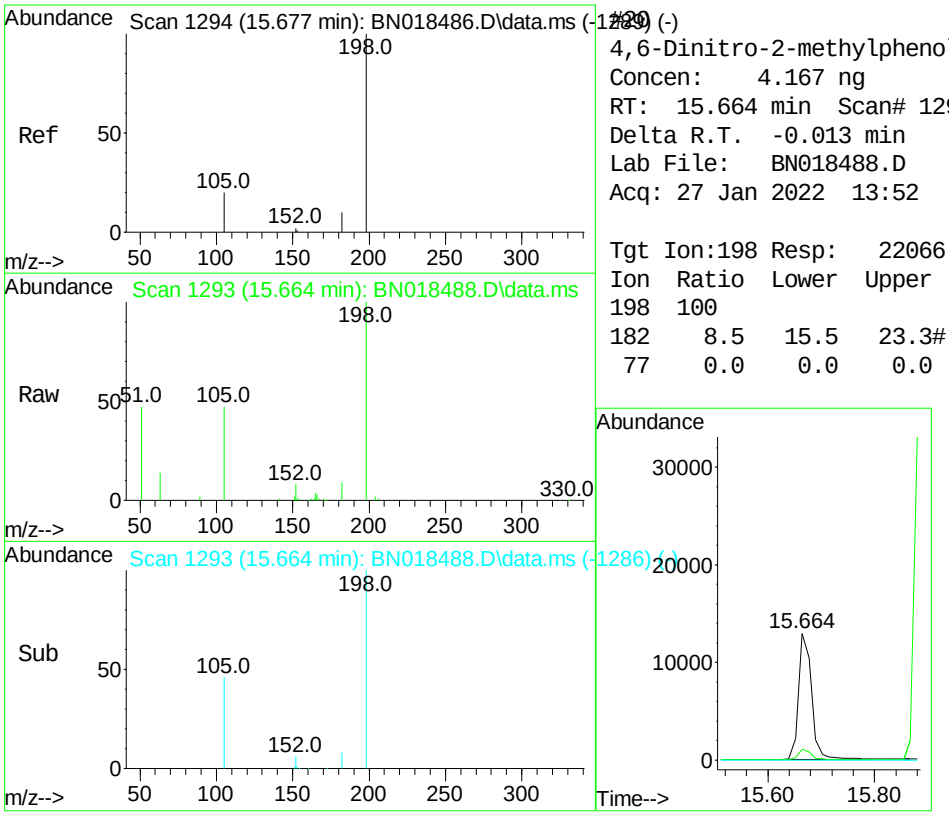


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 126866

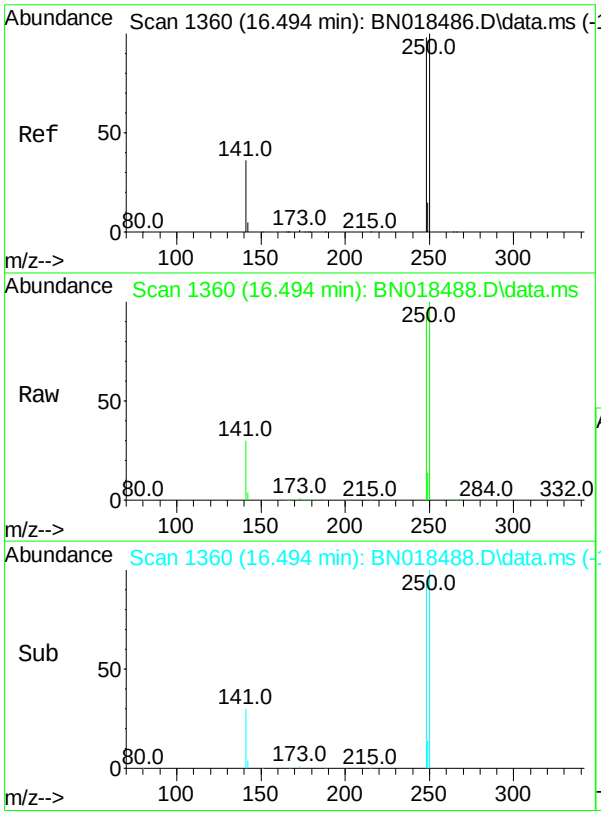
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	7.0	10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 4.167 ng
RT: 15.664 min Scan# 1293
Delta R.T. -0.013 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:198 Resp: 22066

Ion	Ratio	Lower	Upper
198	100		
182	8.5	15.5	23.3#
77	0.0	0.0	0.0

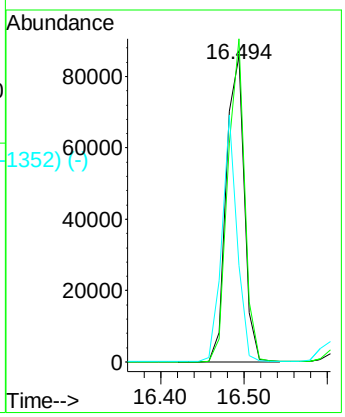


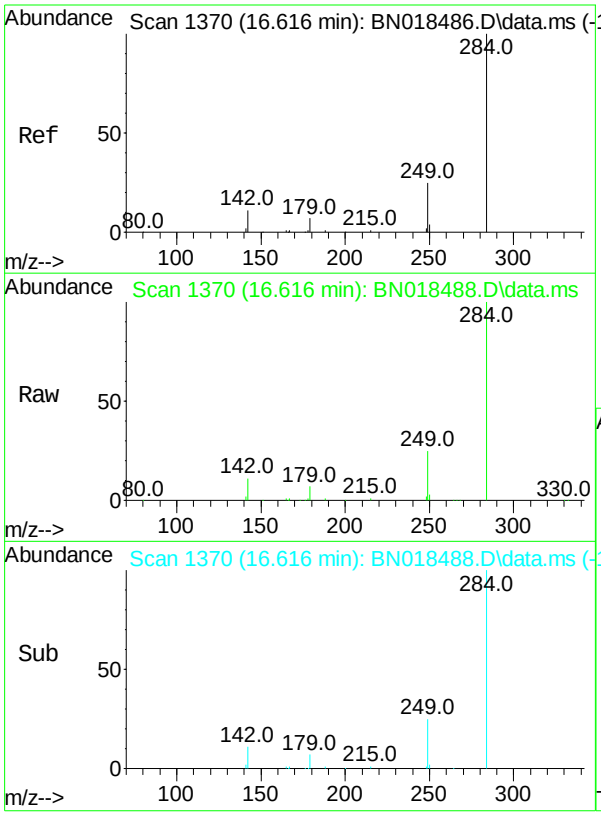
#21
4-Bromophenyl-phenylether
Concen: 1.922 ng
RT: 16.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 130898

Ion	Ratio	Lower	Upper
248	100		
250	105.7	74.4	111.6
141	31.5	43.7	65.5#

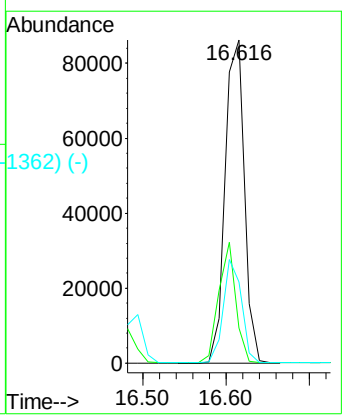


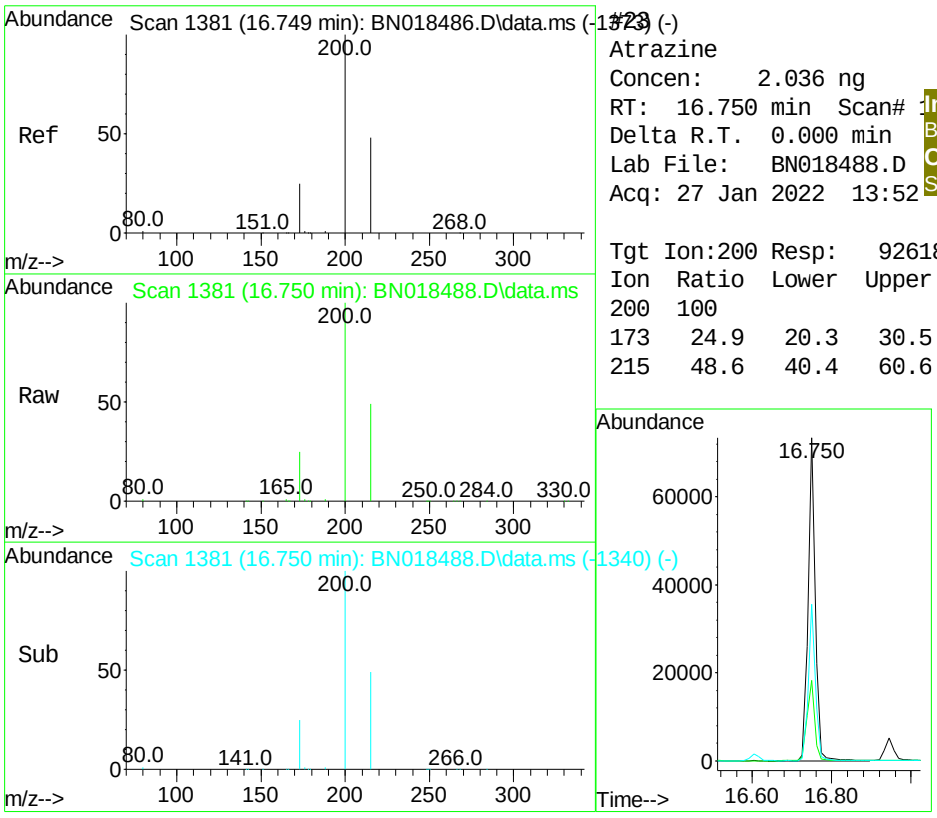


#22
Hexachlorobenzene
Concen: 1.869 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:284 Resp: 140707

Ion	Ratio	Lower	Upper
284	100		
142	32.9	21.6	32.4#
249	30.3	23.5	35.3



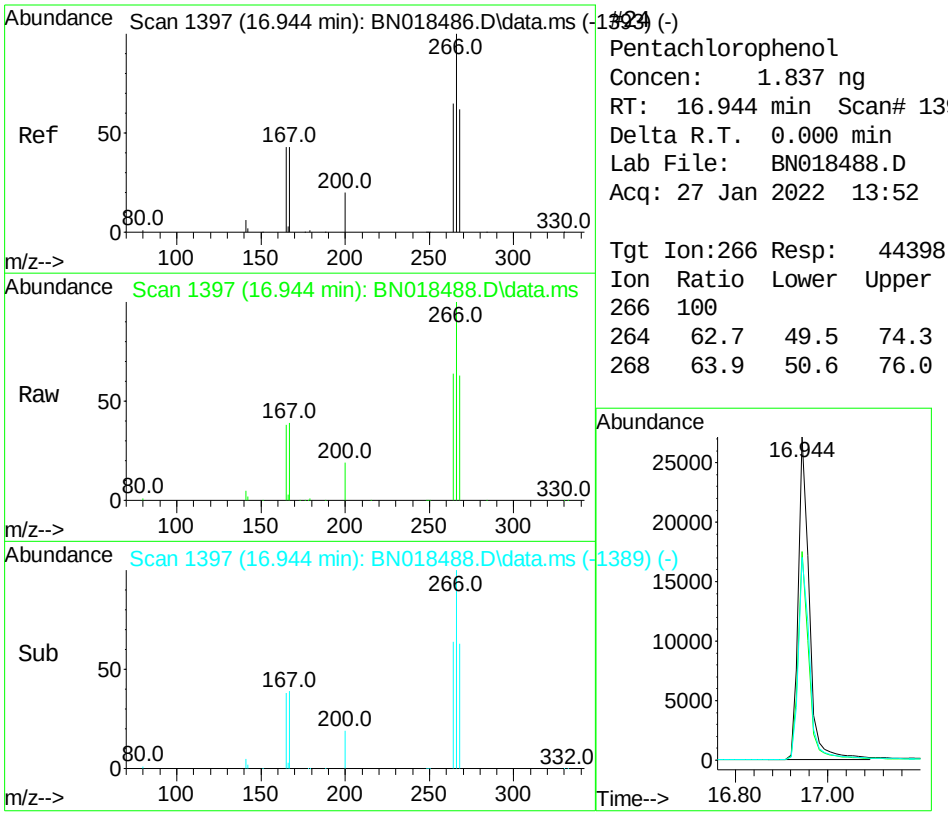


#23
Atrazine
Concen: 2.036 ng
RT: 16.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 92618

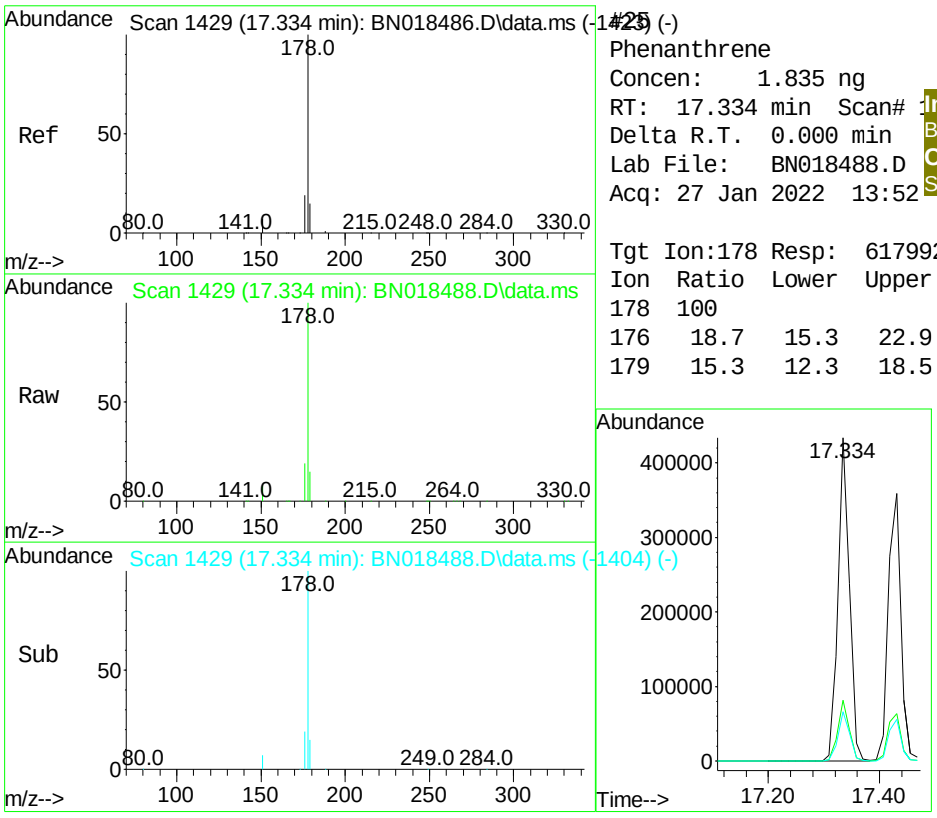
Ion	Ratio	Lower	Upper
200	100		
173	24.9	20.3	30.5
215	48.6	40.4	60.6



#24
Pentachlorophenol
Concen: 1.837 ng
RT: 16.944 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:266 Resp: 44398

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.5	74.3
268	63.9	50.6	76.0

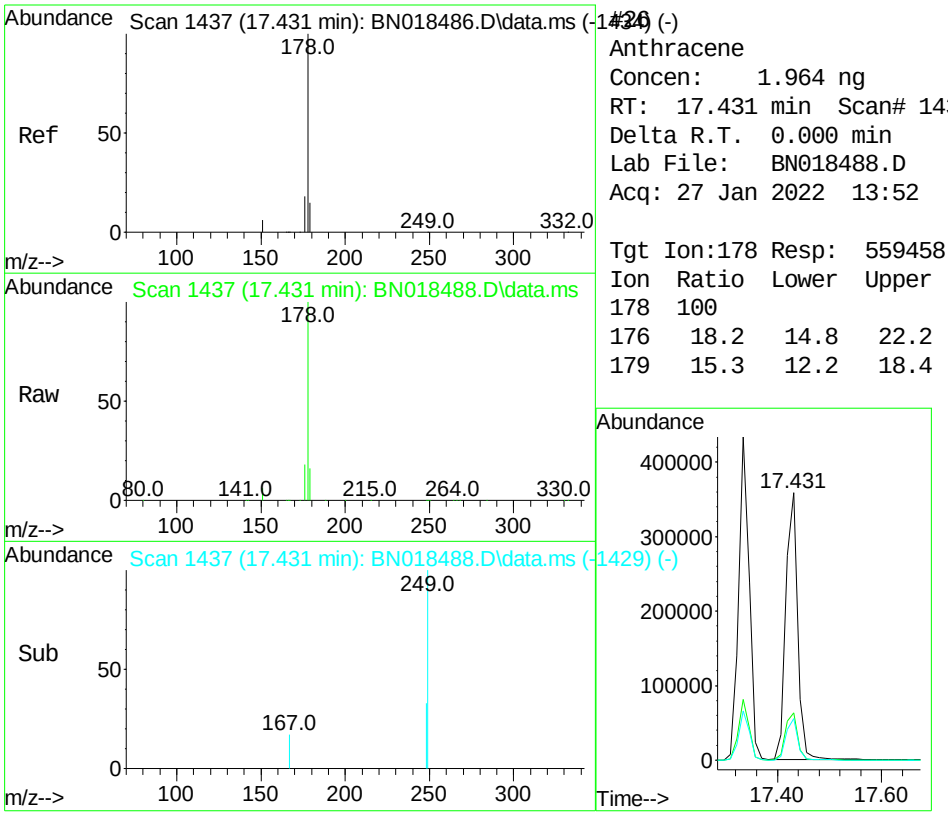


#25
Phenanthrene
Concen: 1.835 ng
RT: 17.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 617992

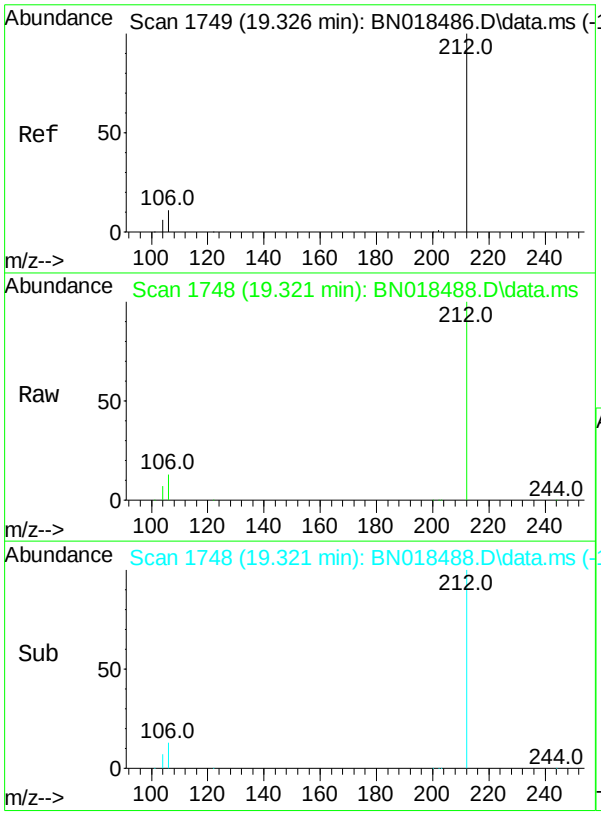
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.3	18.5



#26
Anthracene
Concen: 1.964 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:178 Resp: 559458

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	12.2	18.4

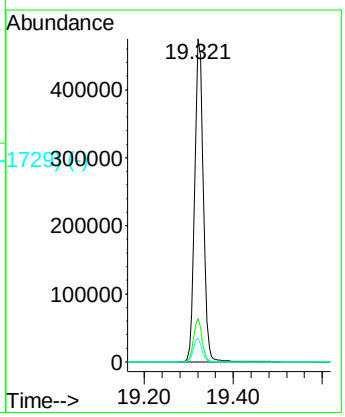


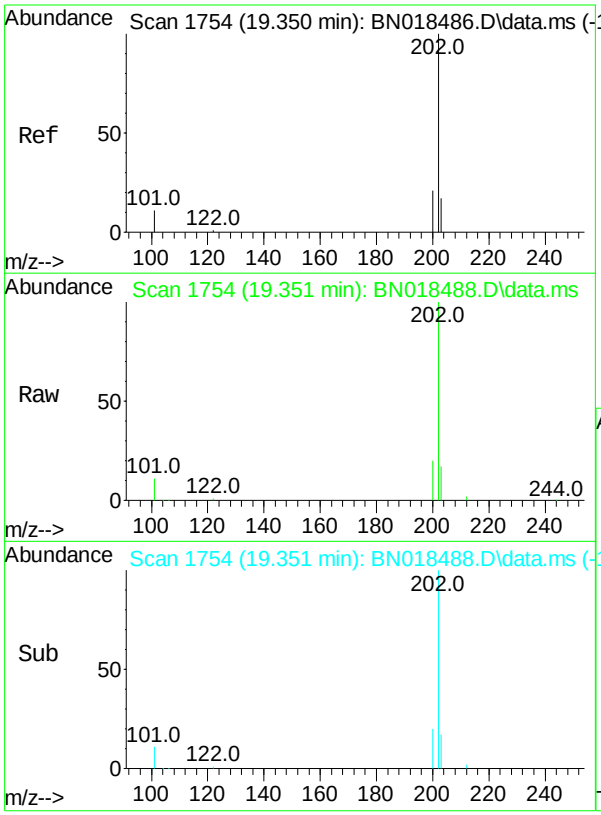
#27
Fluoranthene-d10
Concen: 1.654 ng
RT: 19.321 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 632900

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

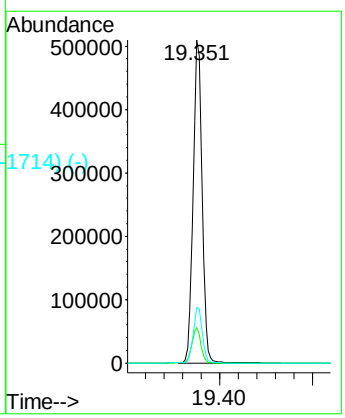


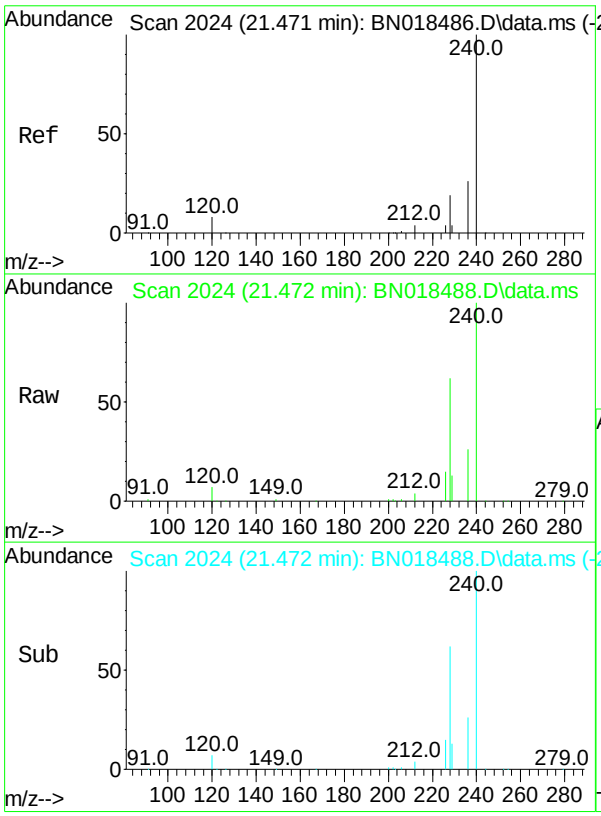


#28
Fluoranthene
Concen: 1.864 ng
RT: 19.351 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:202 Resp: 685685

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.2	10.8#
203	17.4	13.7	20.5



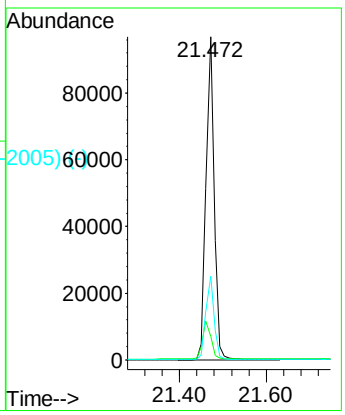


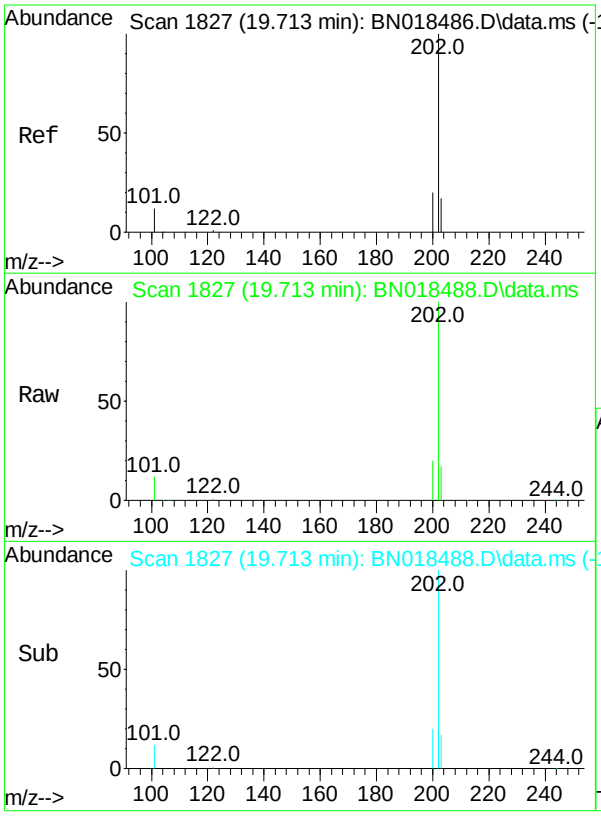
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 124802

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.0	9.0
236	25.8	21.4	32.2

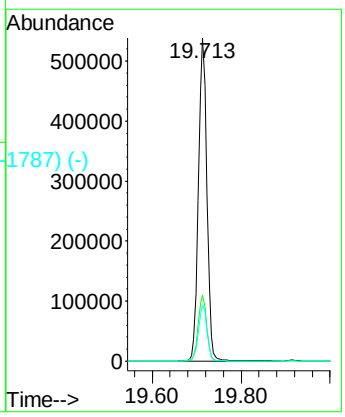


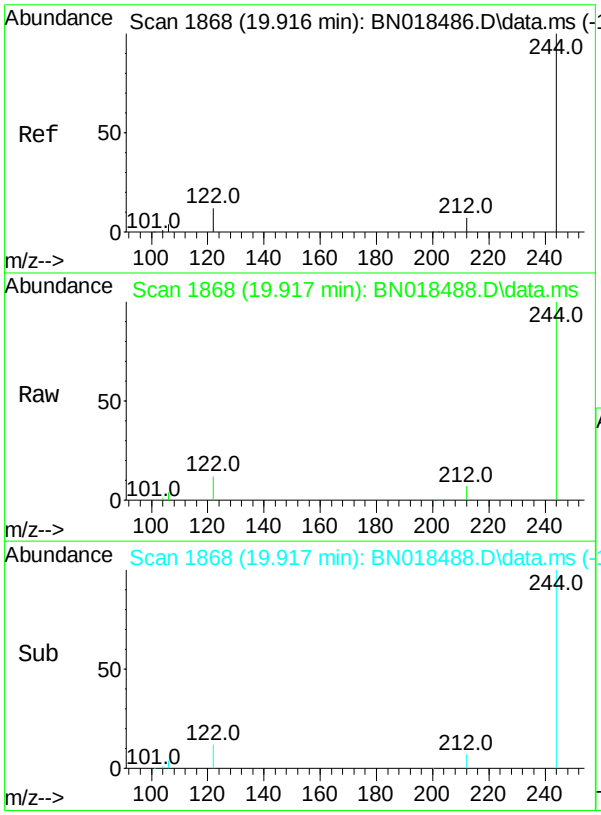


#30
Pyrene
Concen: 1.321 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:202 Resp: 703532

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.9	14.1	21.1



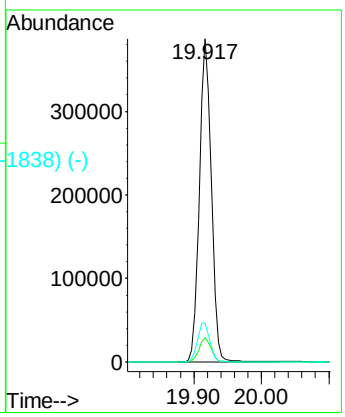


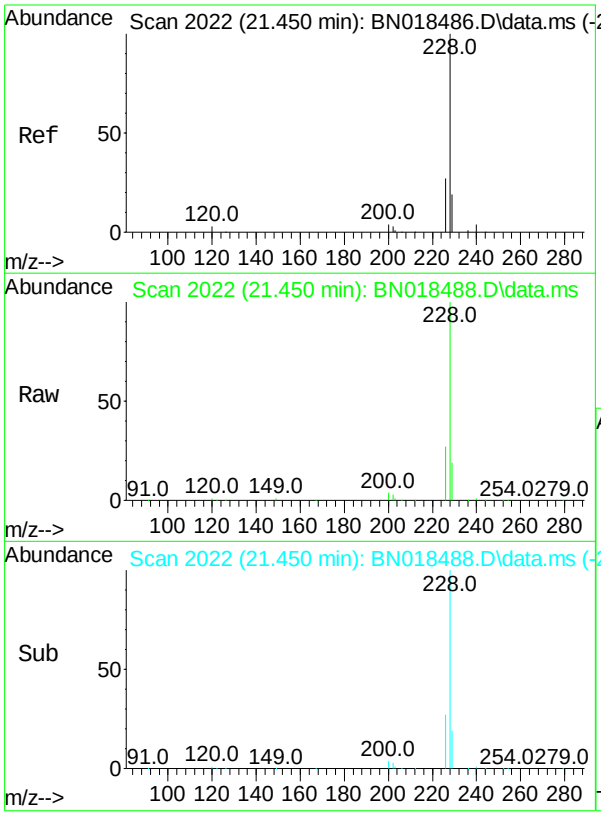
#31
Terphenyl-d14
Concen: 1.320 ng
RT: 19.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 512184

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.0	7.9	11.9#

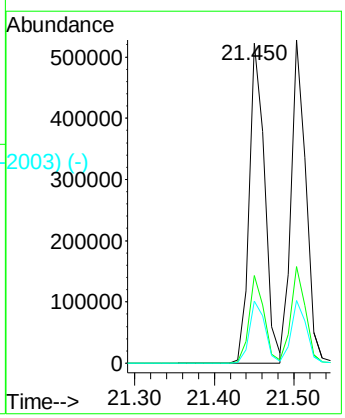


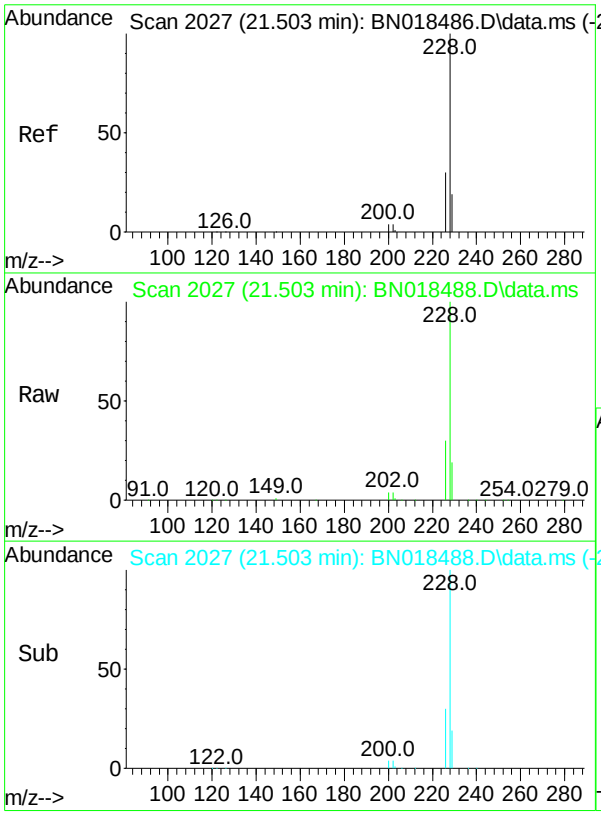


#32
Benzo(a)anthracene
Concen: 1.775 ng
RT: 21.450 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:228 Resp: 701347

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	19.4	15.9	23.9



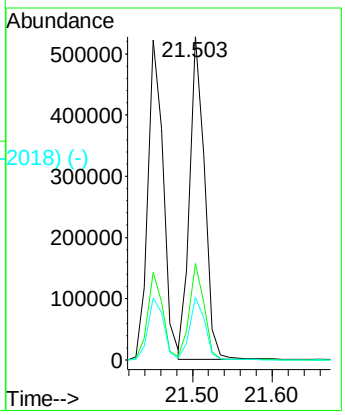


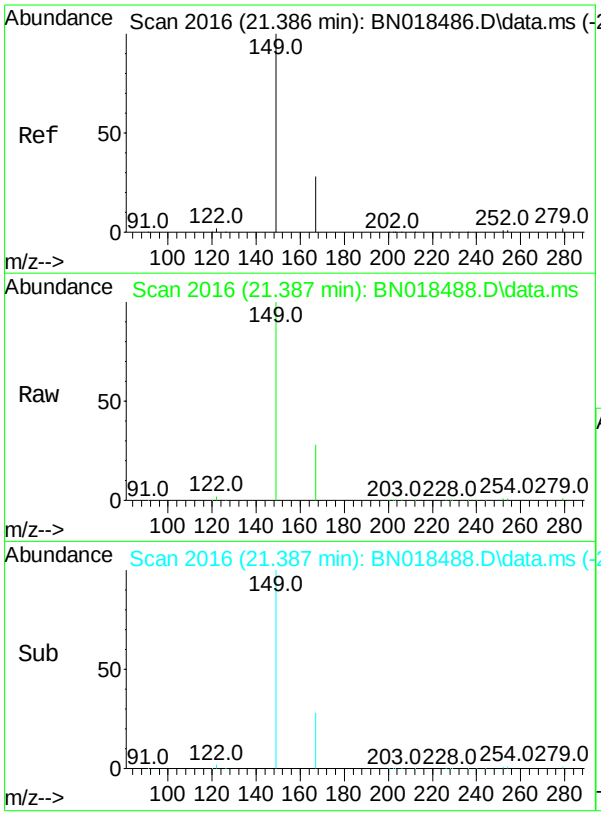
#33
Chrysene
Concen: 1.740 ng
RT: 21.503 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 680405

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.4	15.5	23.3

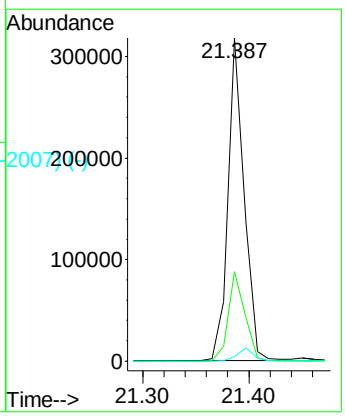


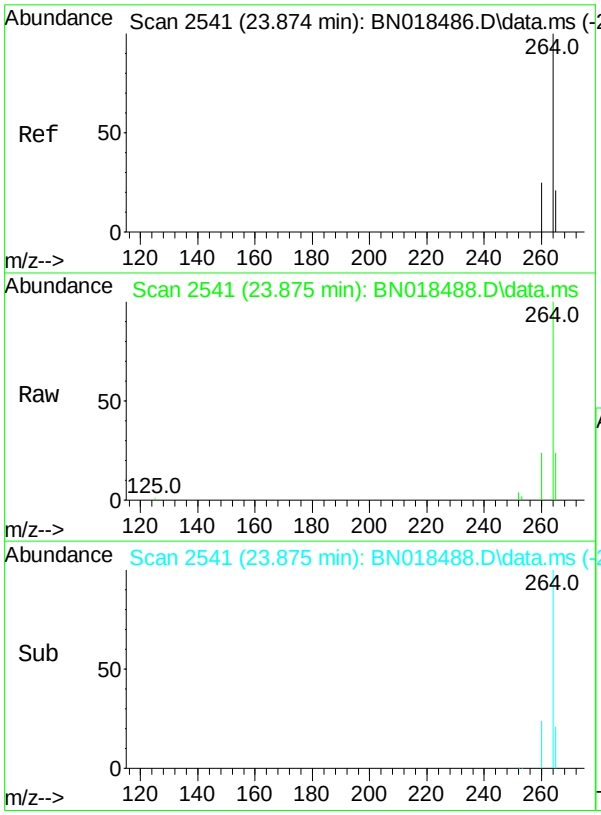


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.073 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:149 Resp: 333818

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	4.0	3.6	5.4



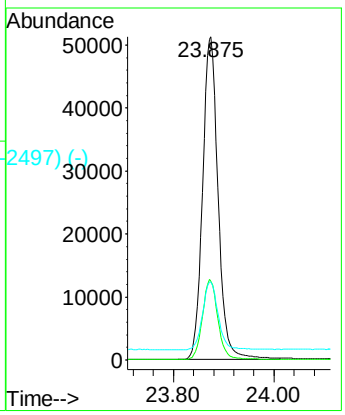


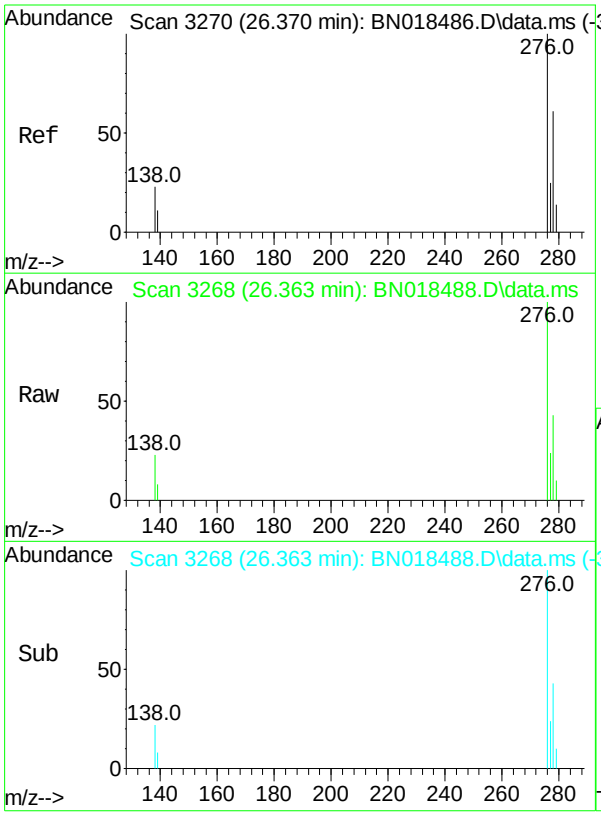
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.875 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 110174

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.4
265	24.1	18.2	27.2

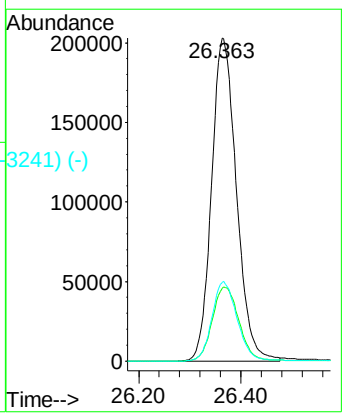


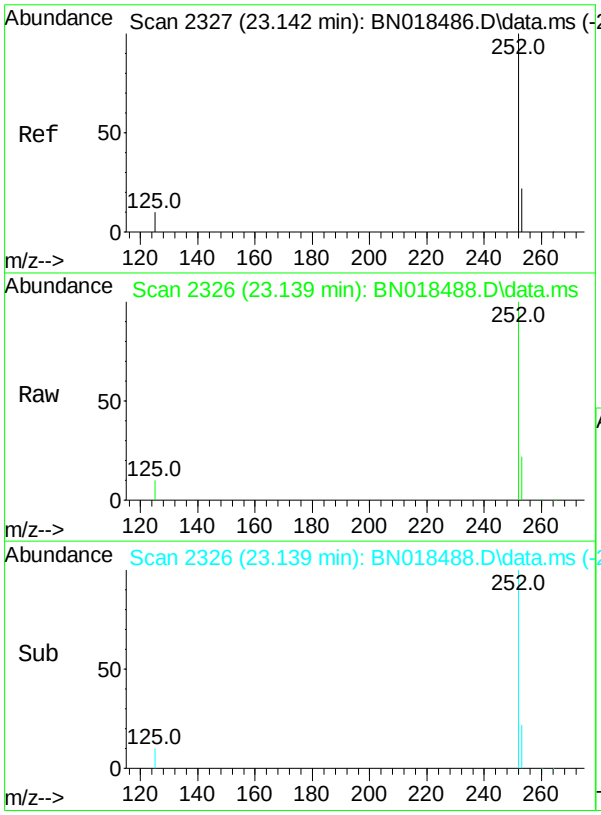


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.489 ng
RT: 26.363 min Scan# 3268
Delta R.T. -0.007 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:276 Resp: 683318

Ion	Ratio	Lower	Upper
276	100		
138	24.5	14.9	22.3#
277	24.9	19.9	29.9



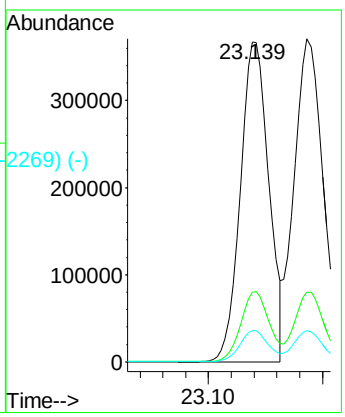


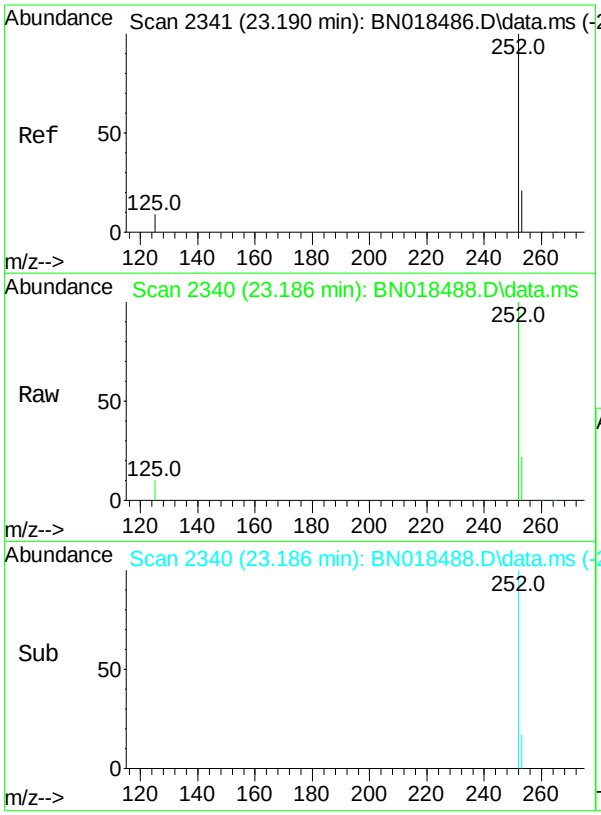
#37
Benzo(b)fluoranthene
Concen: 1.603 ng
RT: 23.139 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 636039

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.8	6.0	9.0#

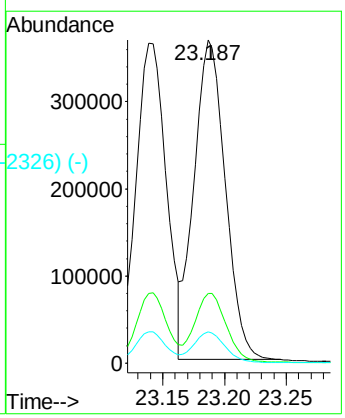


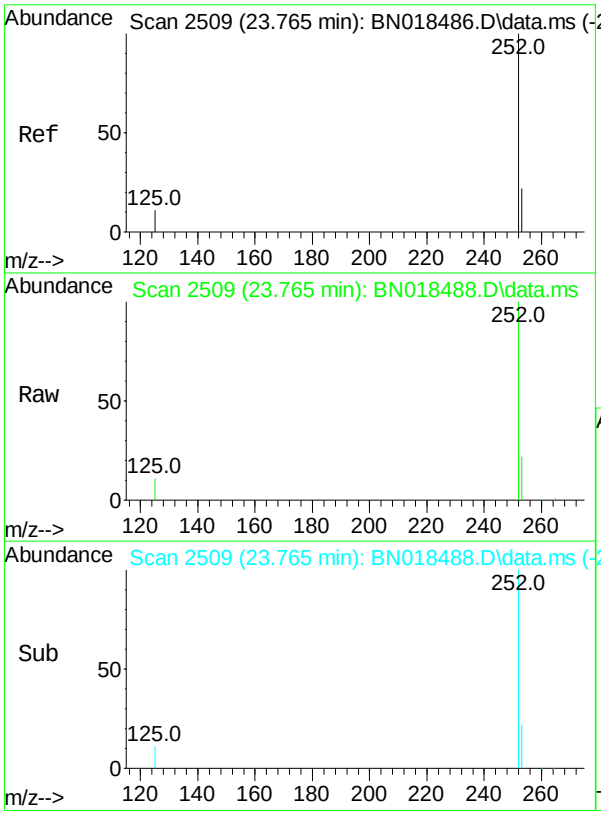


#38
Benzo(k)fluoranthene
Concen: 1.854 ng
RT: 23.186 min Scan# 2340
Delta R.T. -0.003 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:252 Resp: 647247

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.6	6.2	9.2#



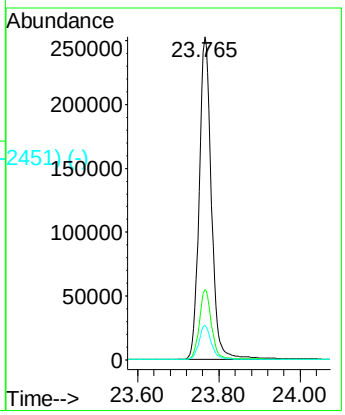


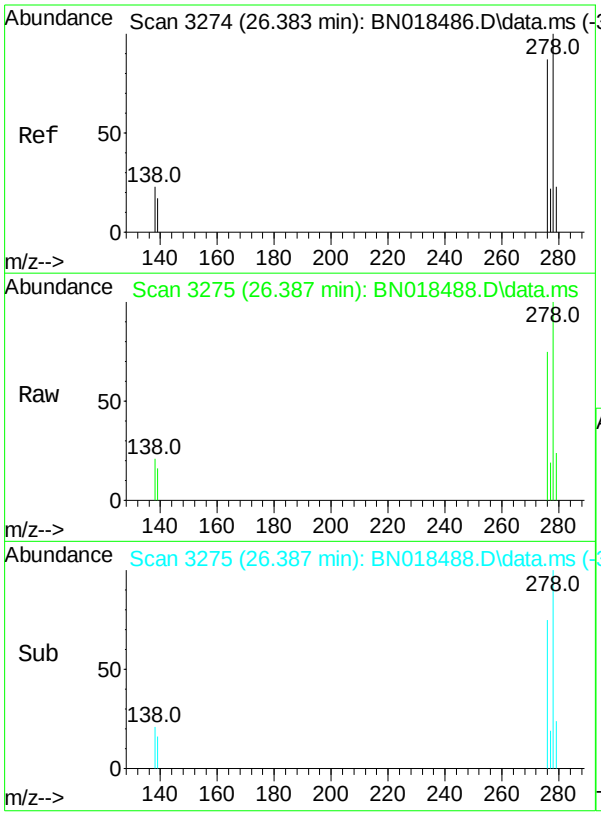
#39
Benzo(a)pyrene
Concen: 1.807 ng
RT: 23.765 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 524938

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.6	7.0	10.4#

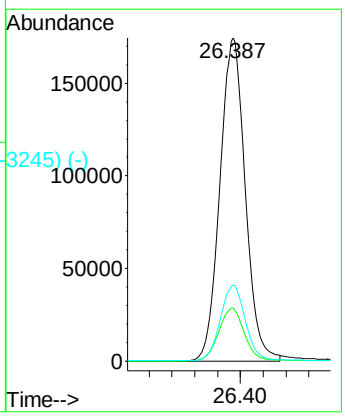


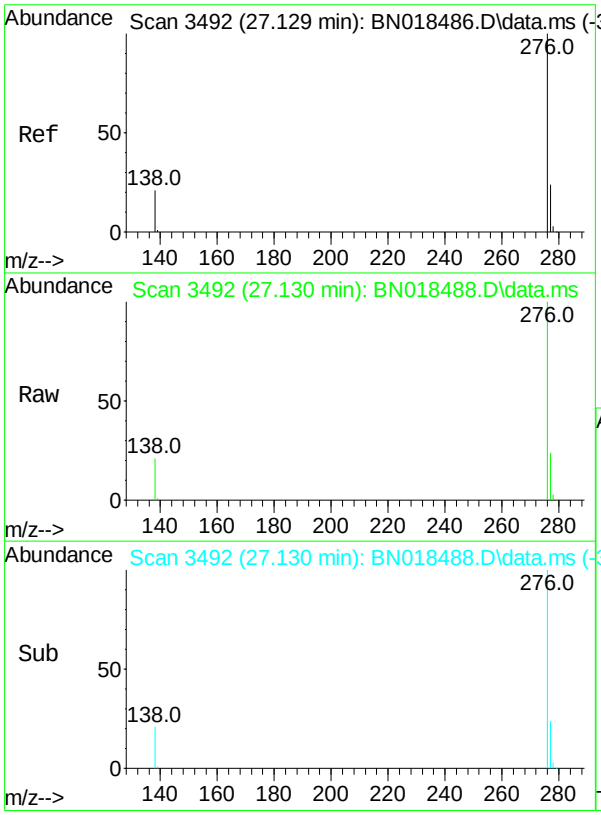


#40
Dibenzo(a,h)anthracene
Concen: 4.143 ng
RT: 26.387 min Scan# 3275
Delta R.T. 0.004 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Tgt Ion:278 Resp: 535216

Ion	Ratio	Lower	Upper
278	100		
139	16.4	10.8	16.2#
279	23.6	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 2.959 ng
RT: 27.130 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018488.D
Acq: 27 Jan 2022 13:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 589562

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	21.2	12.6	19.0#