Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031222\
Data File : BN018924.D
Acq On : 11 Mar 2022 14:31
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 11 16:20:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 16:19:02 2022
Response via : Initial Calibration

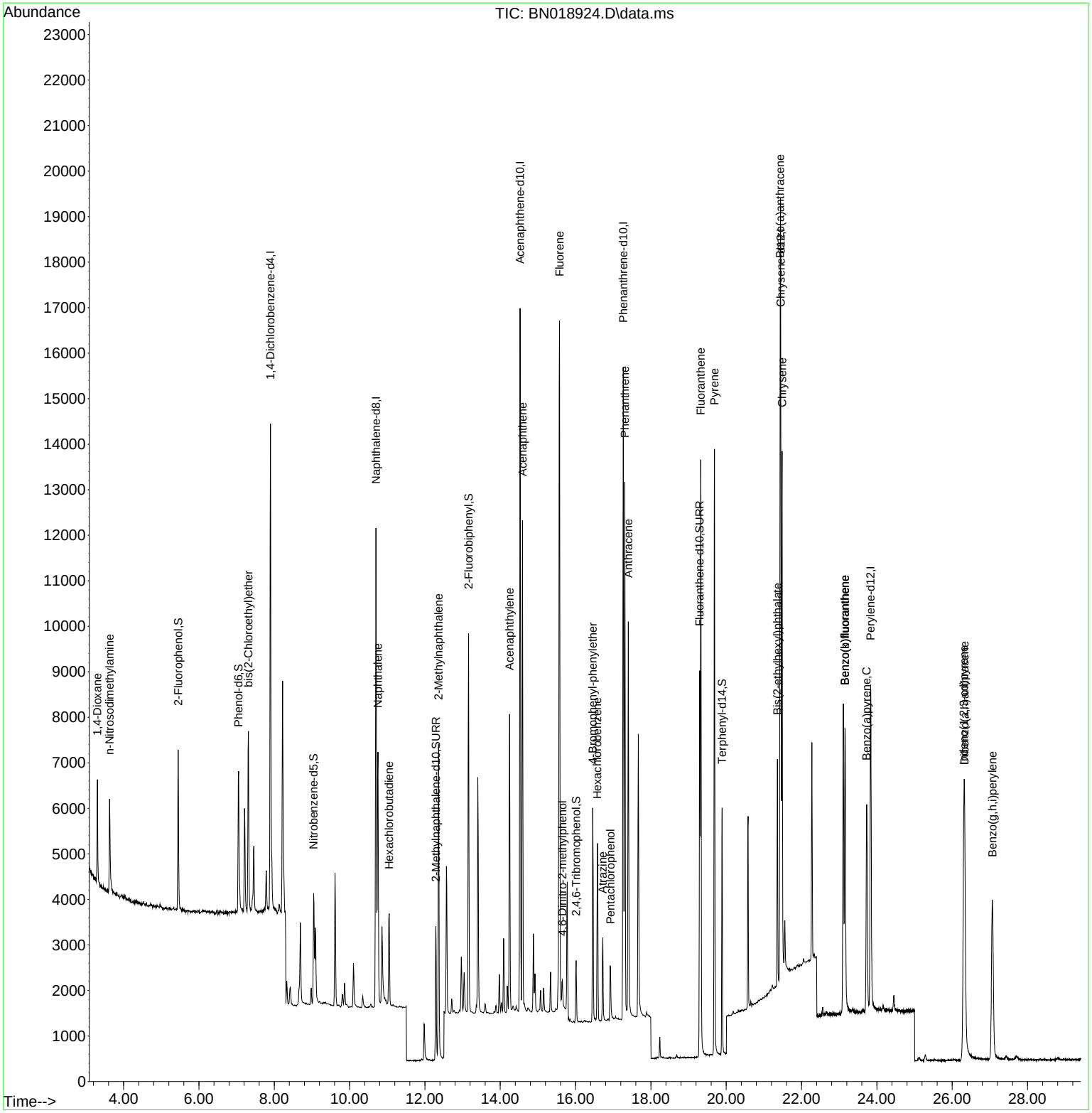
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	5259	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	13583	0.400	ng	#	0.00
13) Acenaphthene-d10	14.527	164	8397	0.400	ng		0.00
19) Phenanthrene-d10	17.267	188	18253	0.400	ng	#	0.00
29) Chrysene-d12	21.449	240	12740	0.400	ng		0.00
35) Perylene-d12	23.834	264	10554	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	2763	0.240	ng		0.00
5) Phenol-d6	7.053	99	3091	0.224	ng		0.00
8) Nitrobenzene-d5	9.046	82	2240	0.226	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	4258	0.192	ng		0.00
14) 2,4,6-Tribromophenol	16.015	330	788	0.204	ng		0.00
15) 2-Fluorobiphenyl	13.159	172	7301	0.203	ng		0.00
27) Fluoranthene-d10	19.295	212	9573	0.178	ng		0.00
31) Terphenyl-d14	19.889	244	5698	0.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1263	0.215	ng		97
3) n-Nitrosodimethylamine	3.629	42	1381	0.222	ng		97
6) bis(2-Chloroethyl)ether	7.313	93	3039	0.204	ng		99
9) Naphthalene	10.754	128	7590	0.195	ng		98
10) Hexachlorobutadiene	11.053	225	1758	0.198	ng	#	98
12) 2-Methylnaphthalene	12.363	142	5039	0.186	ng		98
16) Acenaphthylene	14.249	152	7076	0.185	ng		99
17) Acenaphthene	14.591	154	5238	0.193	ng		99
18) Fluorene	15.575	166	6795	0.192	ng		99
20) 4,6-Dinitro-2-methylph...	15.650	198	556	0.249	ng	#	77
21) 4-Bromophenyl-phenylether	16.456	248	2293	0.189	ng	#	80
22) Hexachlorobenzene	16.579	284	2804	0.185	ng		100
23) Atrazine	16.723	200	1523	0.212	ng		96
24) Pentachlorophenol	16.928	266	742	0.203	ng		98
25) Phenanthrene	17.308	178	11756	0.194	ng		100
26) Anthracene	17.400	178	9753	0.191	ng		99
28) Fluoranthene	19.324	202	11957	0.174	ng		99
30) Pyrene	19.687	202	12245	0.215	ng		100
32) Benzo(a)anthracene	21.431	228	9598	0.201	ng		99
33) Chrysene	21.485	228	10386	0.198	ng		99
34) Bis(2-ethylhexyl)phtha...	21.360	149	4401	0.149	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.308	276	9027	0.190	ng		98
37) Benzo(b)fluoranthene	23.156	252	8958	0.182	ng		95
38) Benzo(k)fluoranthene	23.156	252	8361	0.172	ng		94
39) Benzo(a)pyrene	23.729	252	7101	0.188	ng	#	88
40) Dibenzo(a,h)anthracene	26.331	278	6810	0.187	ng		94
41) Benzo(g,h,i)perylene	27.068	276	8068	0.207	ng		97

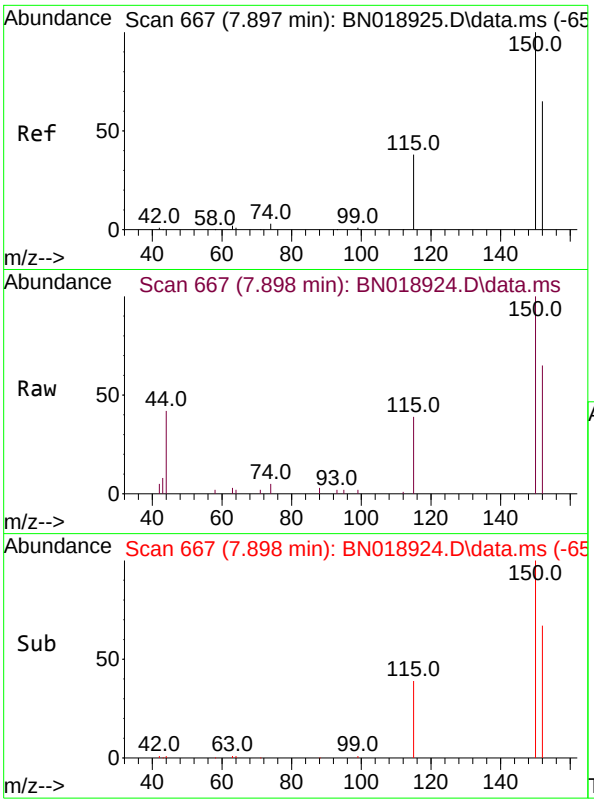
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031222\
Data File : BN018924.D
Acq On : 11 Mar 2022 14:31
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 11 16:20:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 16:19:02 2022
Response via : Initial Calibration



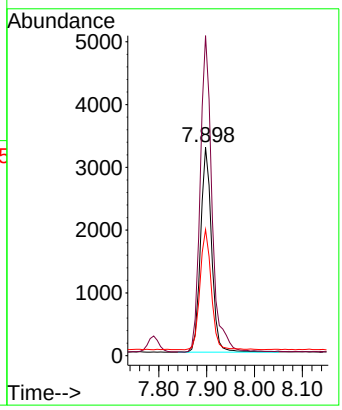


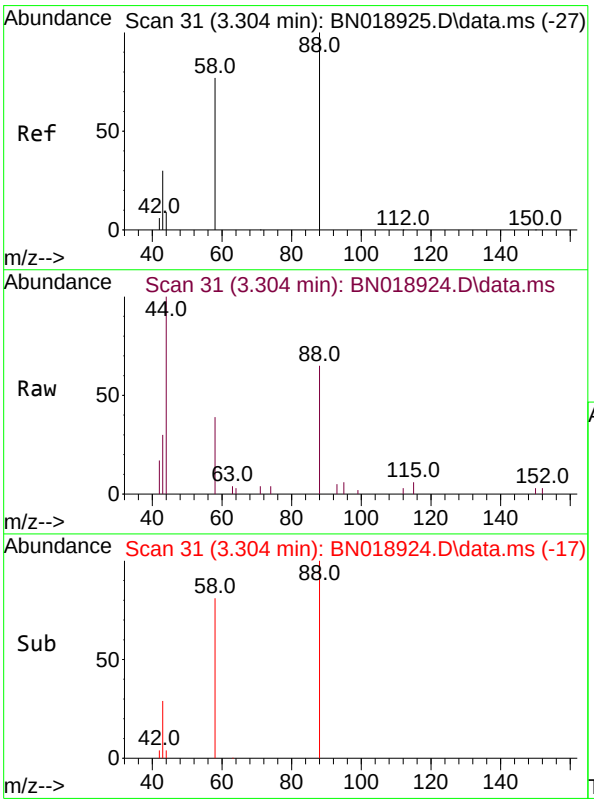
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5259

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.9	185.9
115	60.5	48.2	72.4

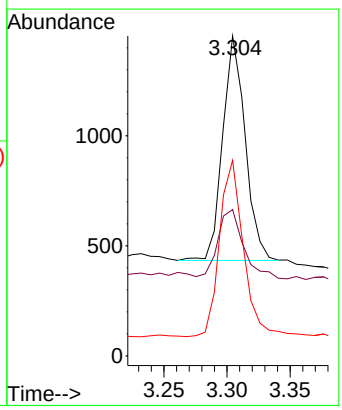


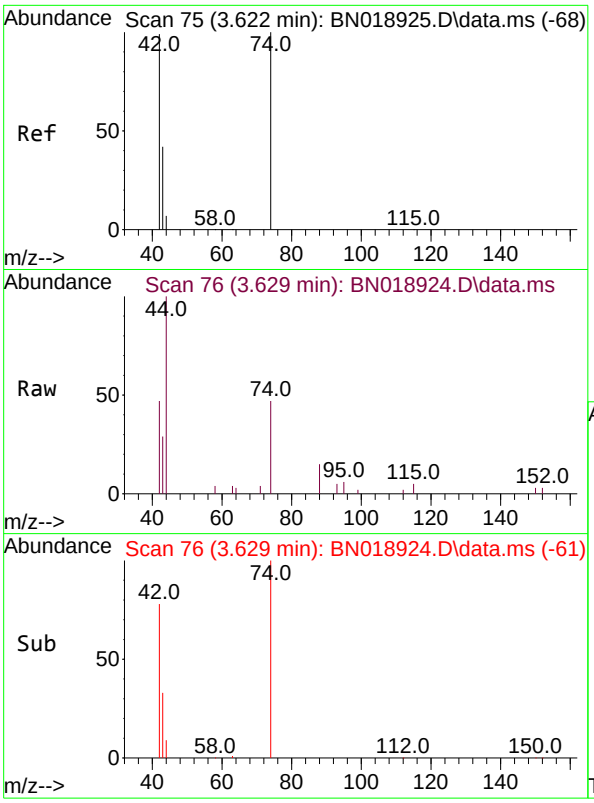


#2
1,4-Dioxane
Concen: 0.215 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion: 88 Resp: 1263

Ion	Ratio	Lower	Upper
88	100		
43	34.5	24.6	37.0
58	82.7	65.4	98.2



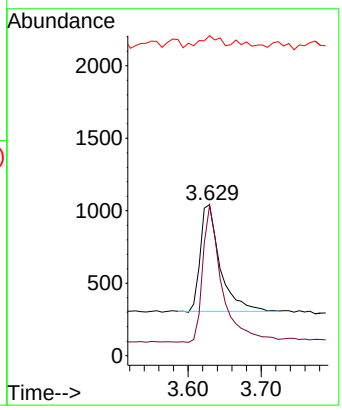


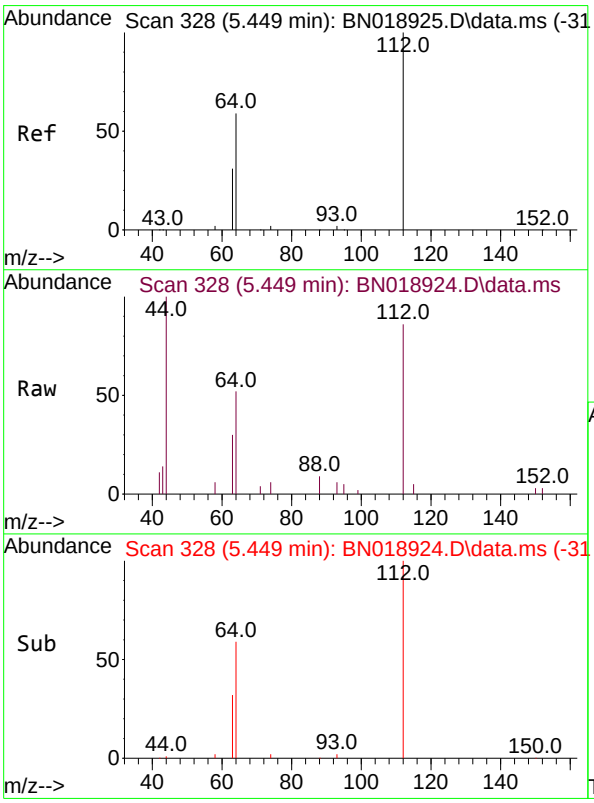
#3
n-Nitrosodimethylamine
Concen: 0.222 ng
RT: 3.629 min Scan# 7
Delta R.T. 0.008 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1381

Ion	Ratio	Lower	Upper
42	100		
74	124.5	96.9	145.3
44	7.9	7.3	10.9

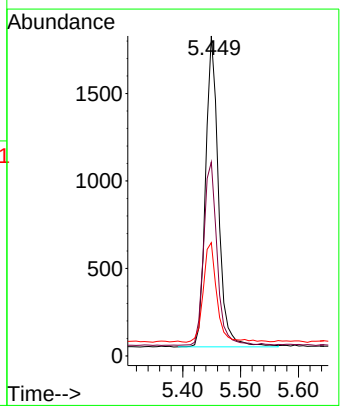


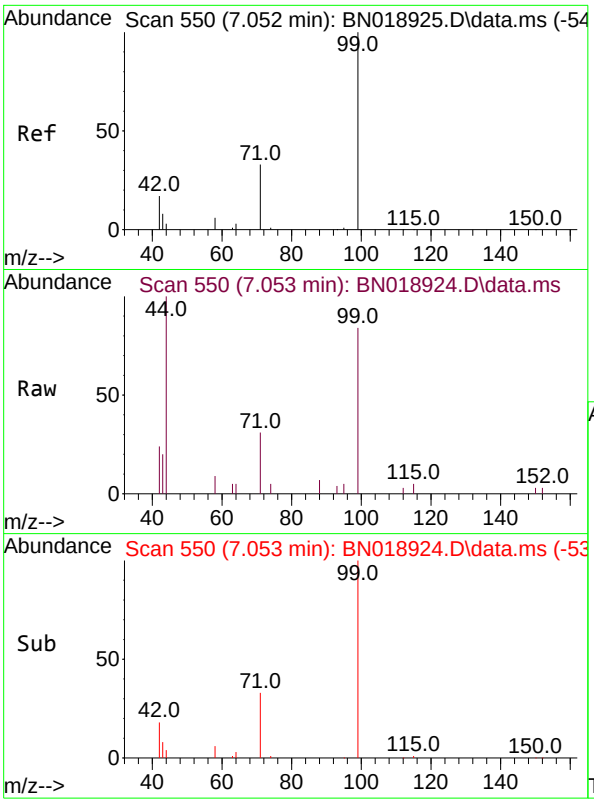


#4
2-Fluorophenol
Concen: 0.240 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:112 Resp: 2763

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.8	71.8
63	33.6	25.7	38.5



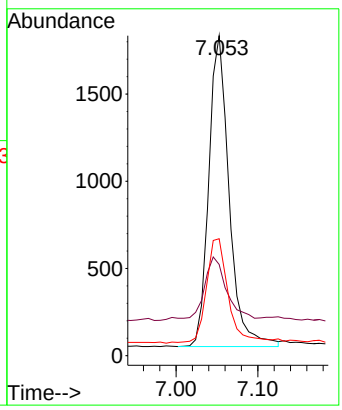


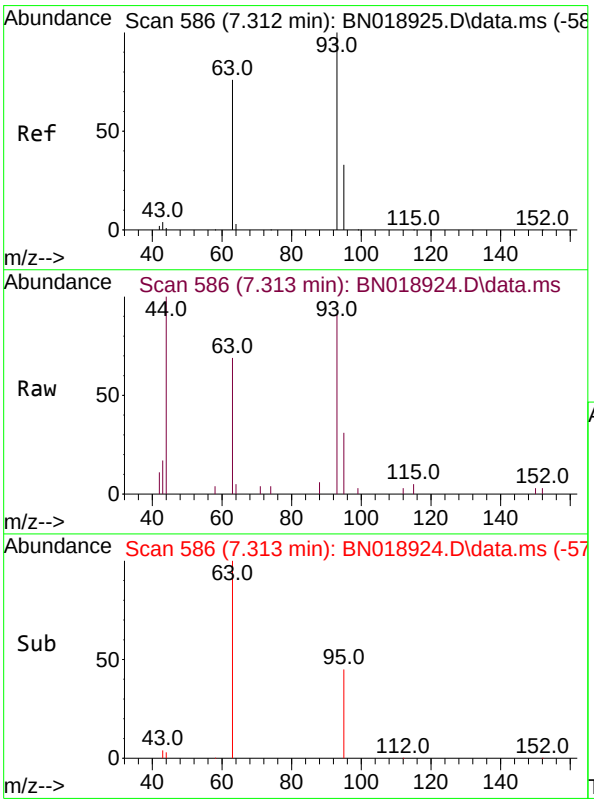
#5
Phenol-d6
Concen: 0.224 ng
RT: 7.053 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3091

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.2	24.4
71	36.2	27.7	41.5

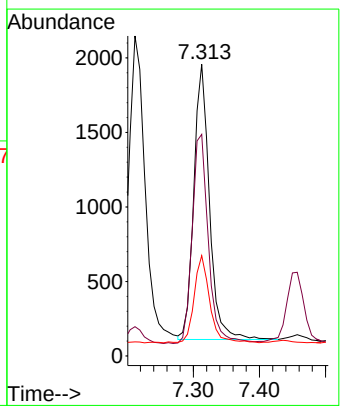


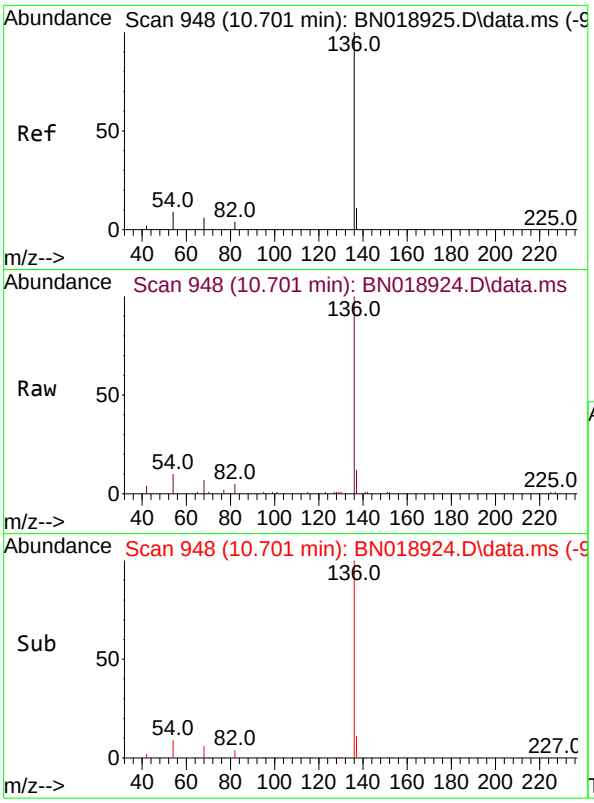


#6
bis(2-Chloroethyl)ether
Concen: 0.204 ng
RT: 7.313 min Scan# 586
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion: 93 Resp: 3039

Ion	Ratio	Lower	Upper
93	100		
63	78.9	62.8	94.2
95	31.7	26.2	39.4



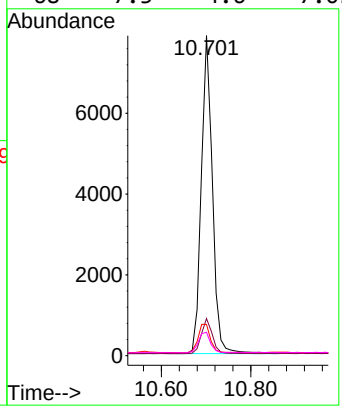


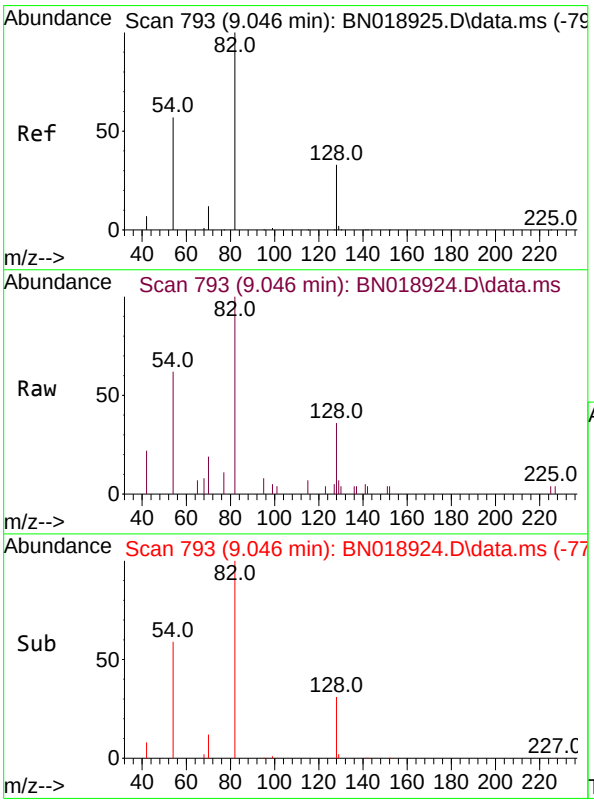
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 13583

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.7	5.8	8.6#
68	7.3	4.6	7.0#

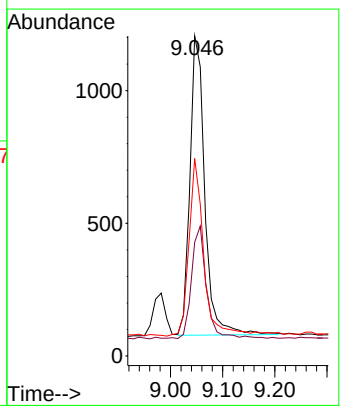


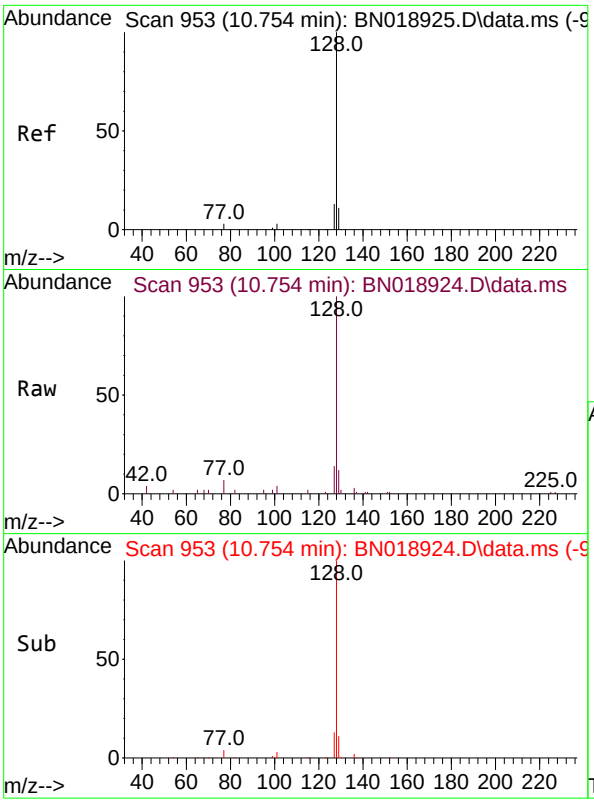


#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion: 82 Resp: 2240

Ion	Ratio	Lower	Upper
82	100		
128	35.6	33.0	49.6
54	61.7	42.5	63.7



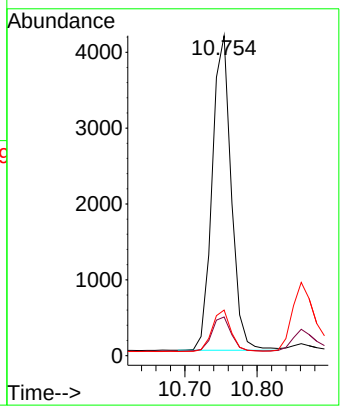


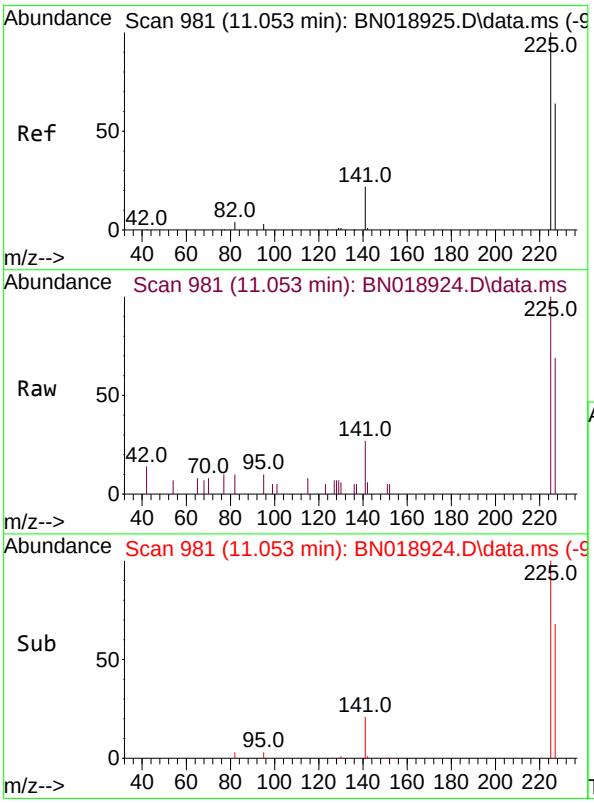
#9
Naphthalene
Concen: 0.195 ng
RT: 10.754 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7590

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	14.2	10.7	16.1

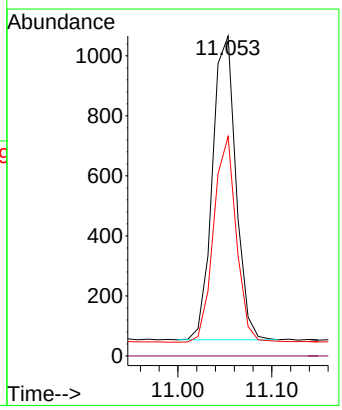


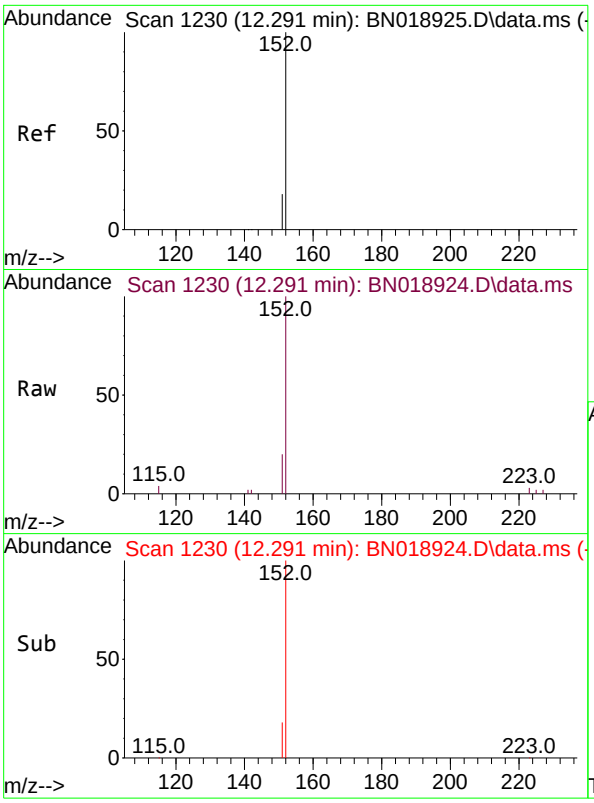


#10
Hexachlorobutadiene
Concen: 0.198 ng
RT: 11.053 min Scan# 981
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:225 Resp: 1758

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	51.0	76.6



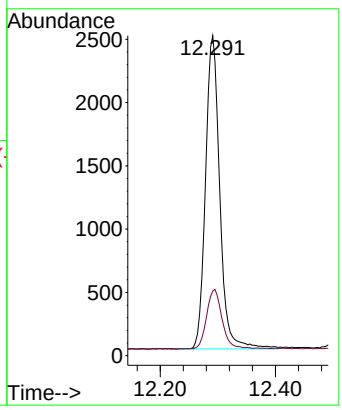


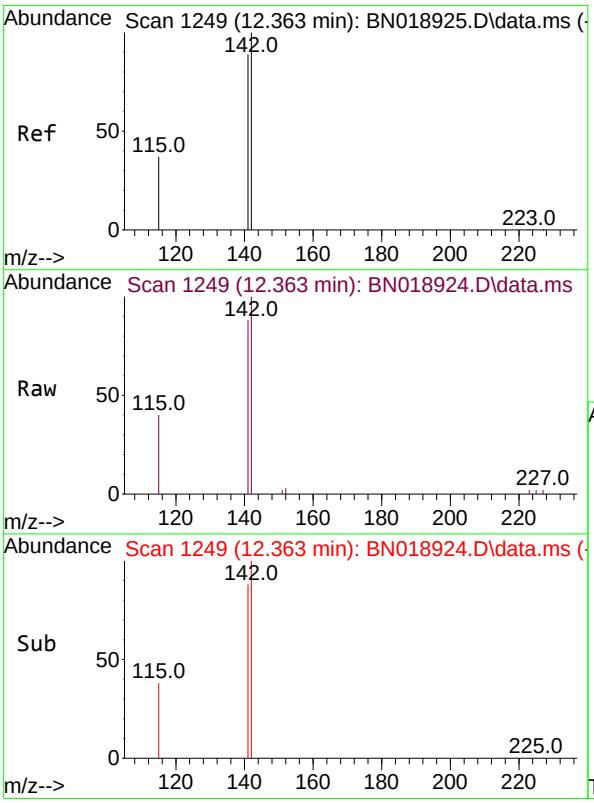
#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 12.291 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4258

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7

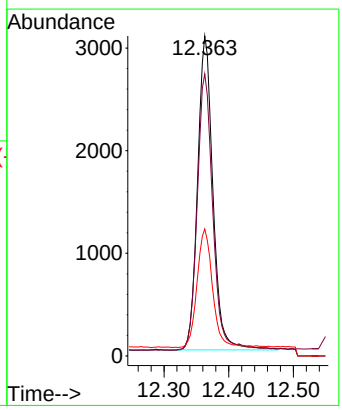


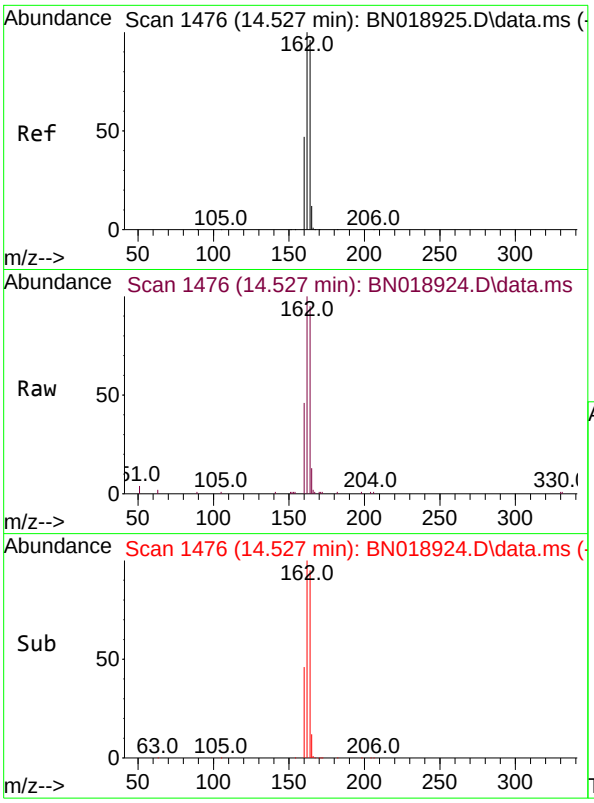


#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.363 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:142 Resp: 5039

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	39.7	29.8	44.8



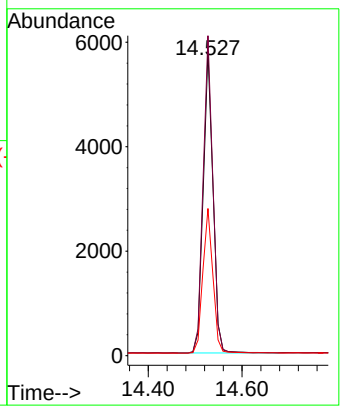


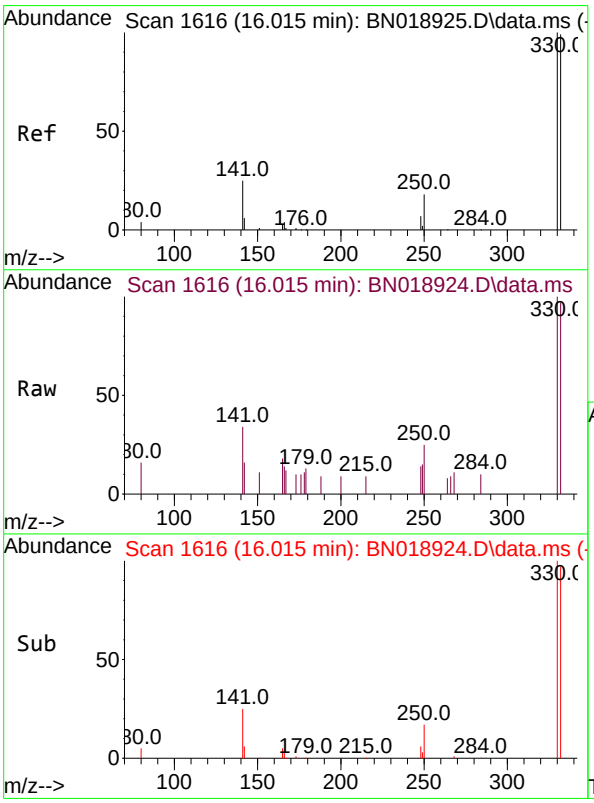
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 8397

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.2	127.8
160	48.4	41.5	62.3

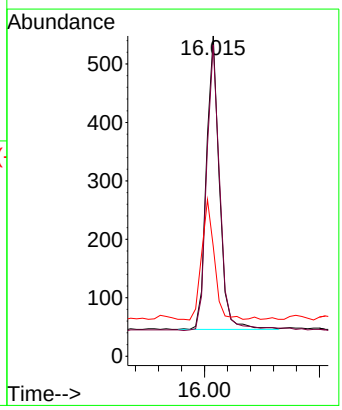


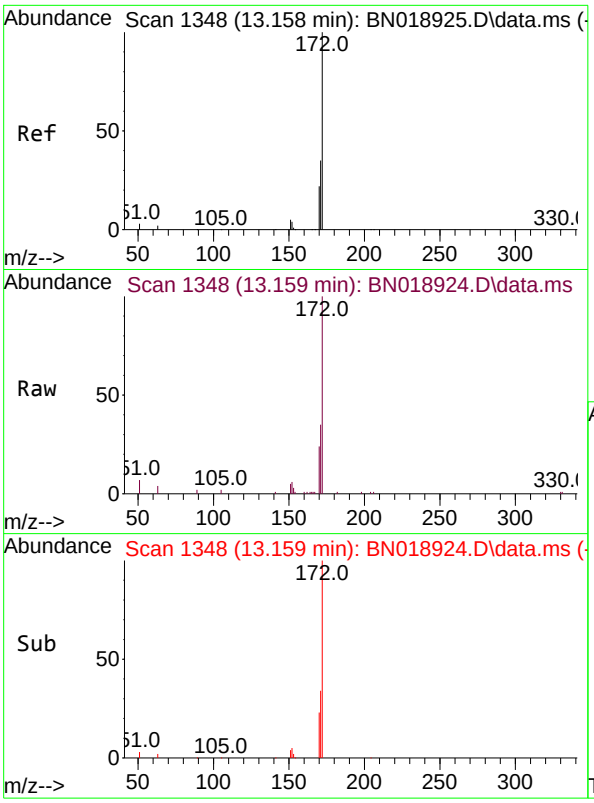


#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 16.015 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:330 Resp: 788

Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.8	115.2
141	39.5	32.2	48.2



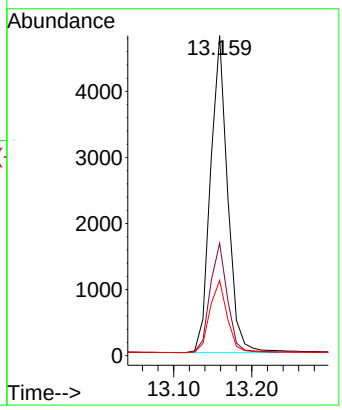


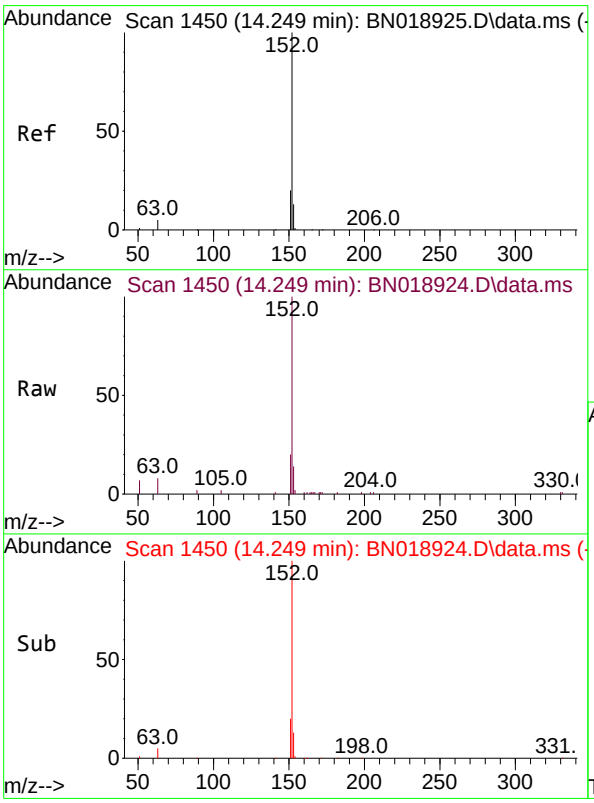
#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7301

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.5	18.7	28.1

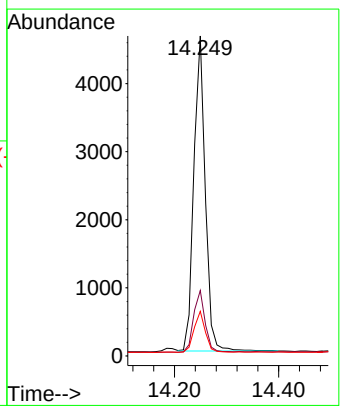


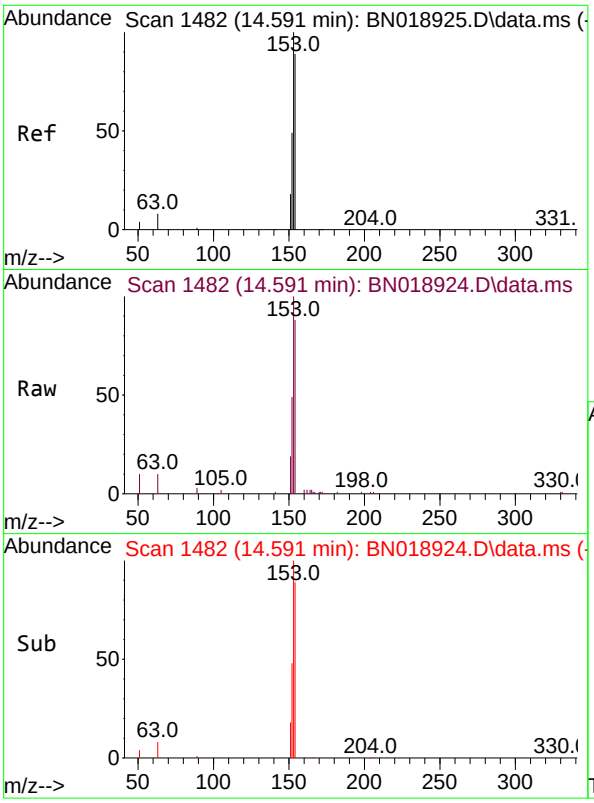


#16
Acenaphthylene
Concen: 0.185 ng
RT: 14.249 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:152 Resp: 7076

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.8	10.6	15.8



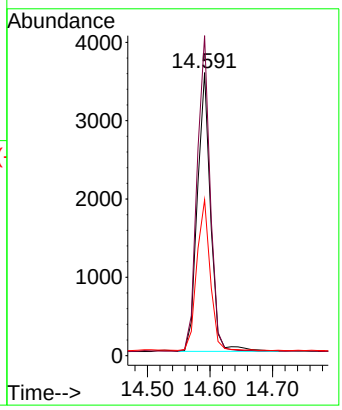


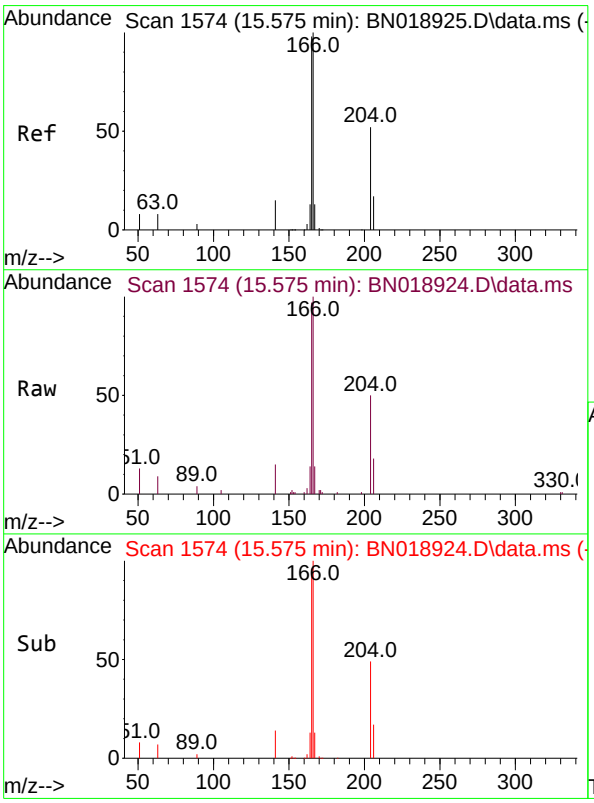
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.591 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5238

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.7	134.5
152	54.9	44.7	67.1

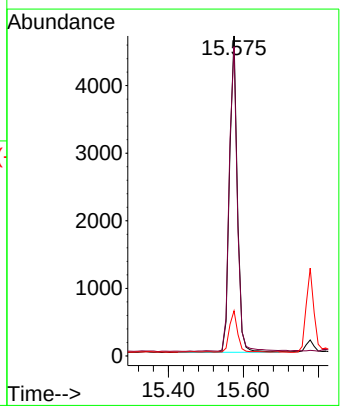


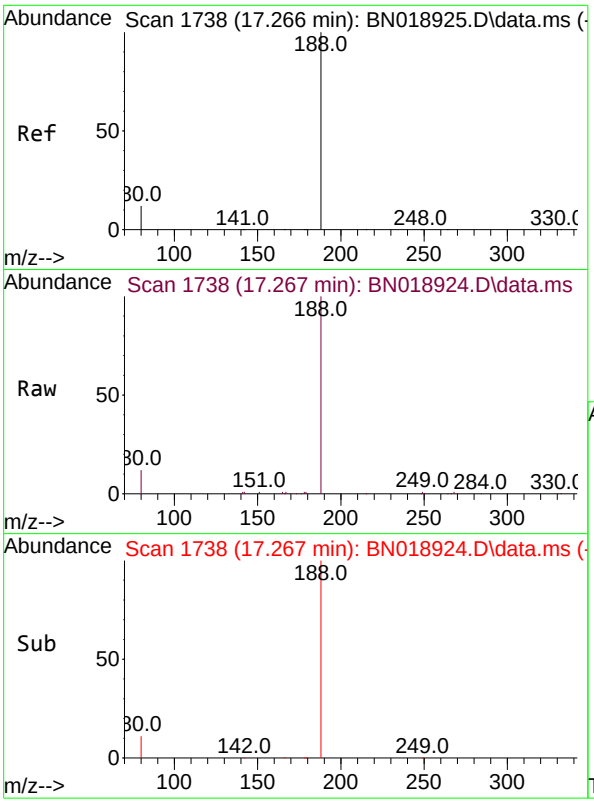


#18
Fluorene
Concen: 0.192 ng
RT: 15.575 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:166 Resp: 6795

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	13.6	10.7	16.1



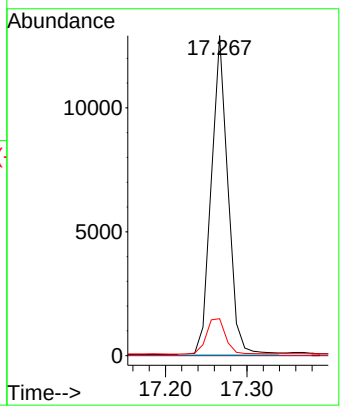


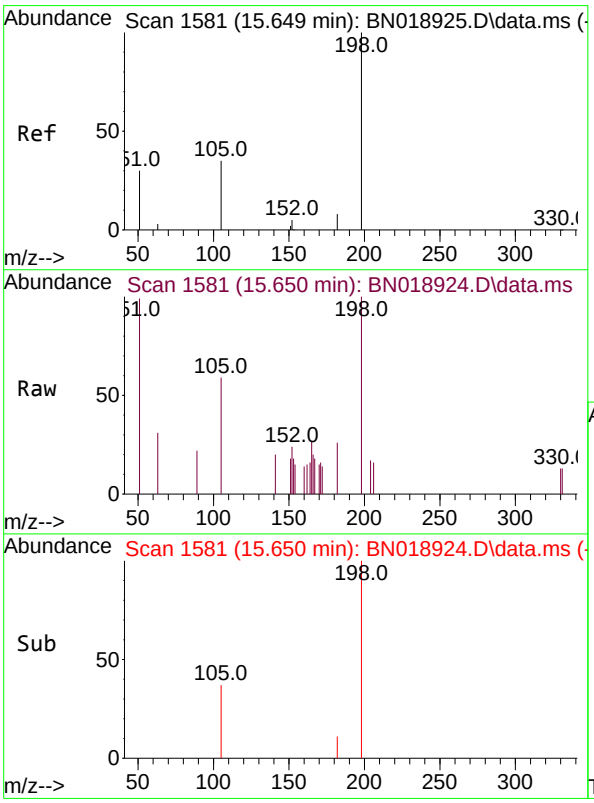
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.267 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 18253

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	11.8	17.8#

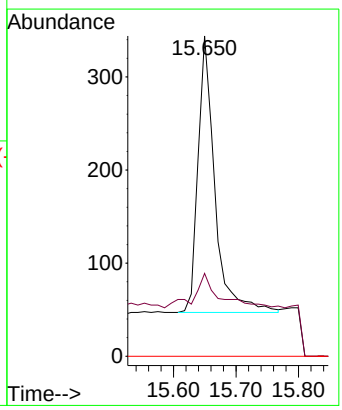


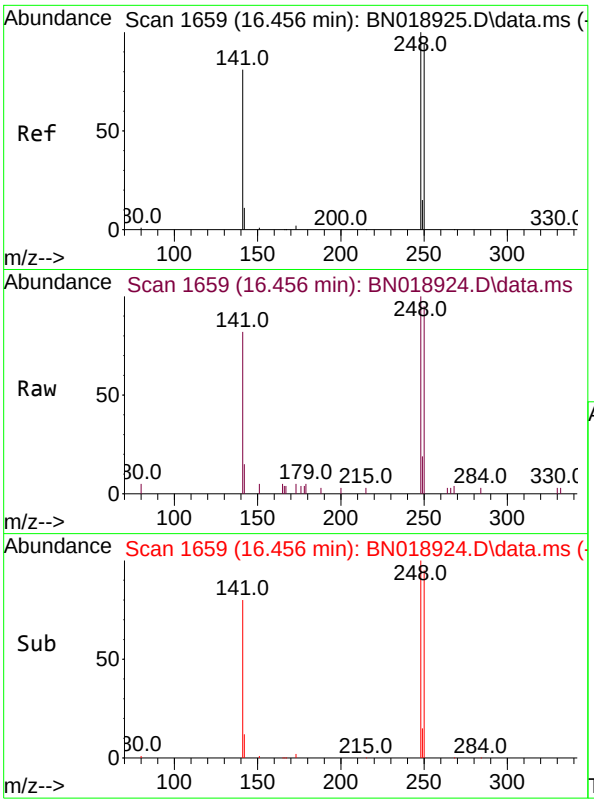


#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.650 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:198 Resp: 556

Ion	Ratio	Lower	Upper
198	100		
182	25.9	13.0	19.4#
77	0.0	0.0	0.0



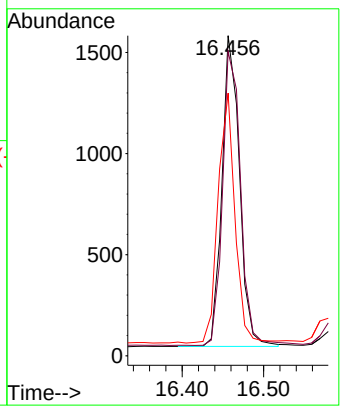


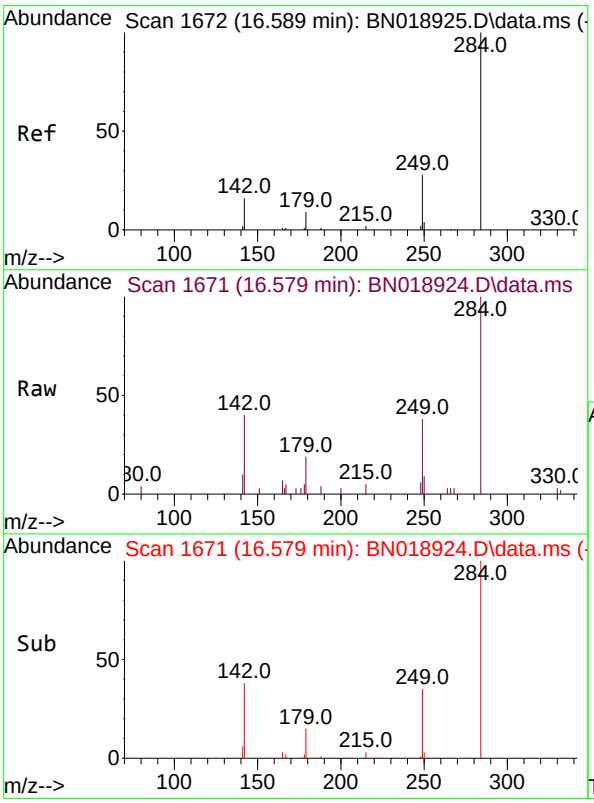
#21
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2293

Ion	Ratio	Lower	Upper
248	100		
250	95.0	80.7	121.1
141	82.1	39.6	59.4#

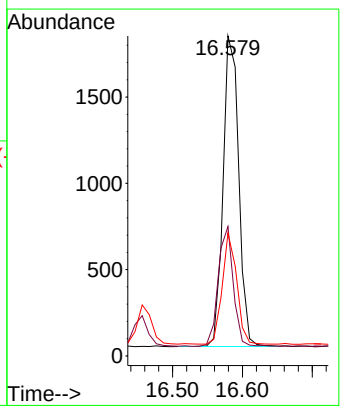


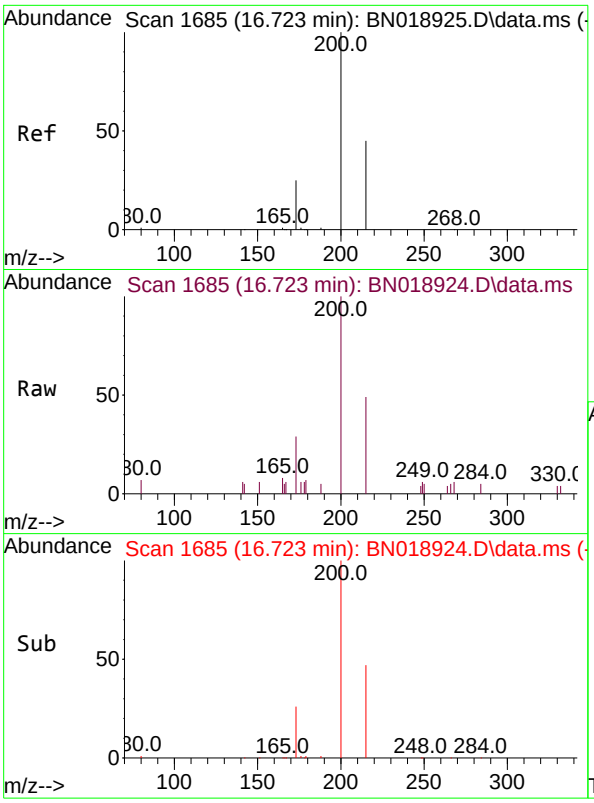


#22
Hexachlorobenzene
Concen: 0.185 ng
RT: 16.579 min Scan# 1671
Delta R.T. -0.010 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:284 Resp: 2804

Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.8	44.8
249	33.1	26.2	39.2



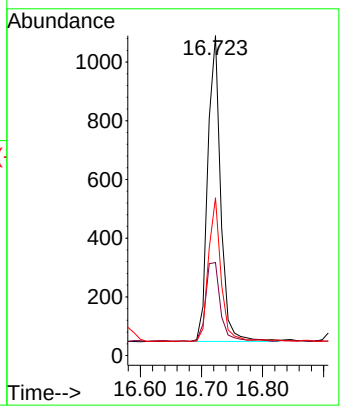


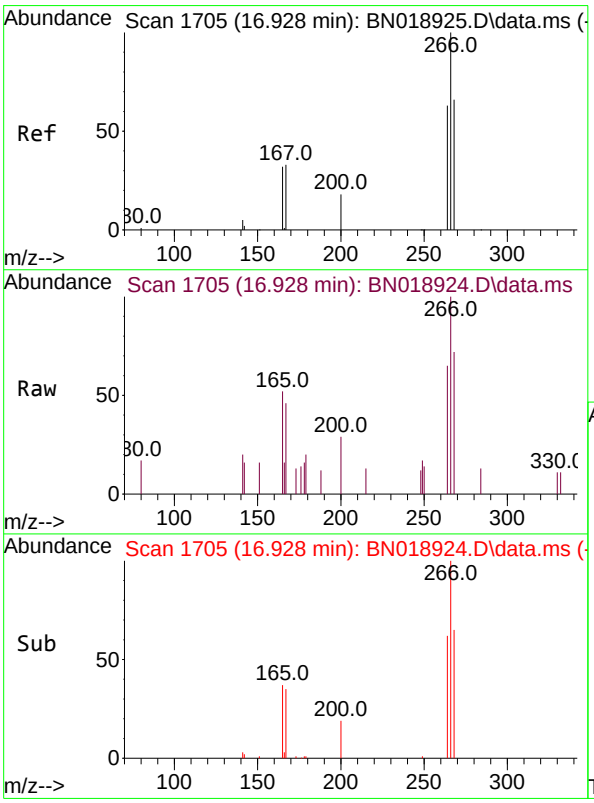
#23
Atrazine
Concen: 0.212 ng
RT: 16.723 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1523

Ion	Ratio	Lower	Upper
200	100		
173	29.1	23.9	35.9
215	49.4	36.6	54.8

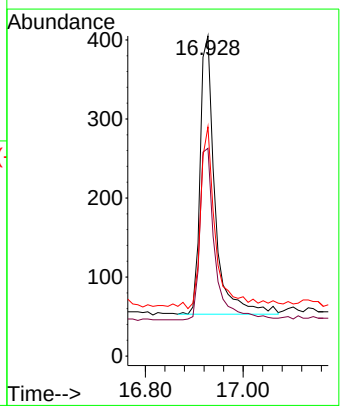


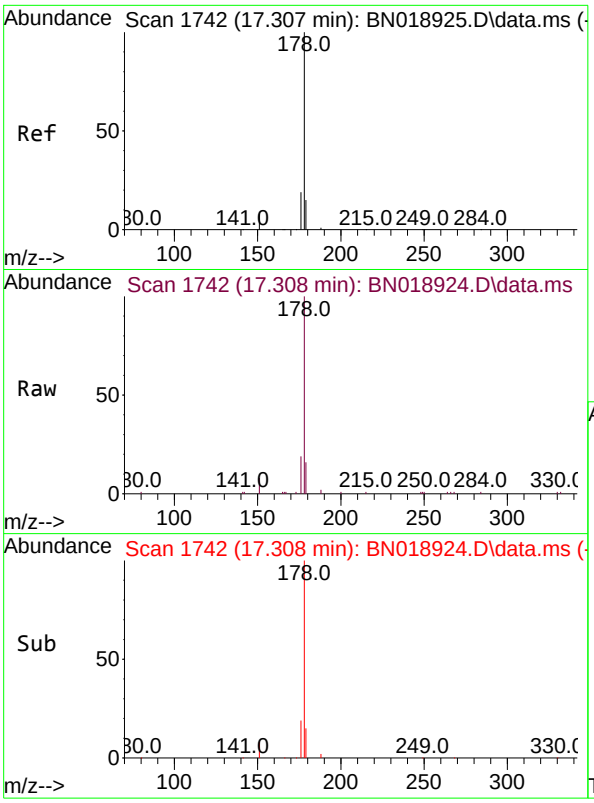


#24
Pentachlorophenol
Concen: 0.203 ng
RT: 16.928 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:266 Resp: 742

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.4
268	68.3	51.9	77.9



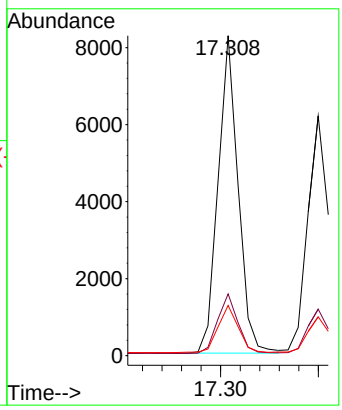


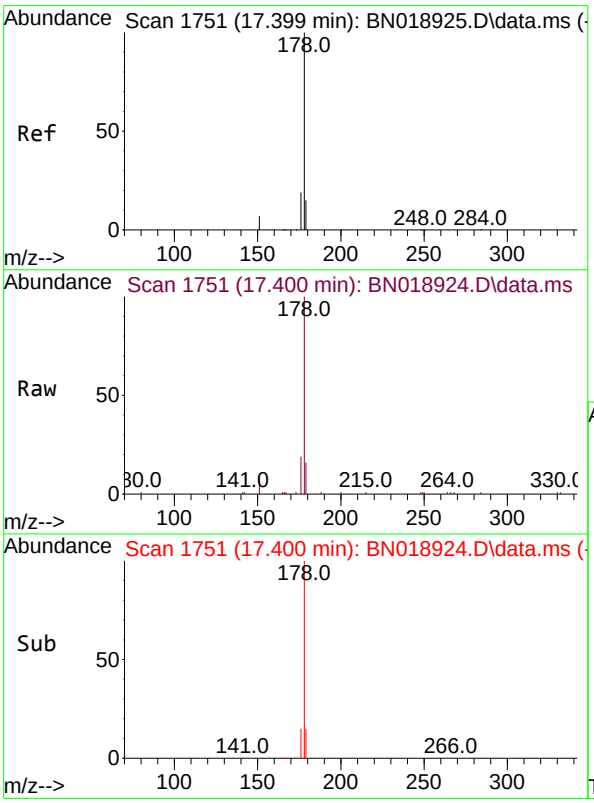
#25
Phenanthrene
Concen: 0.194 ng
RT: 17.308 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11756

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.2	18.2

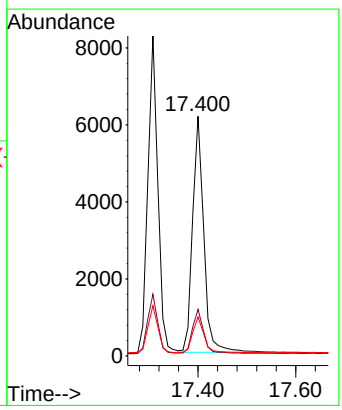


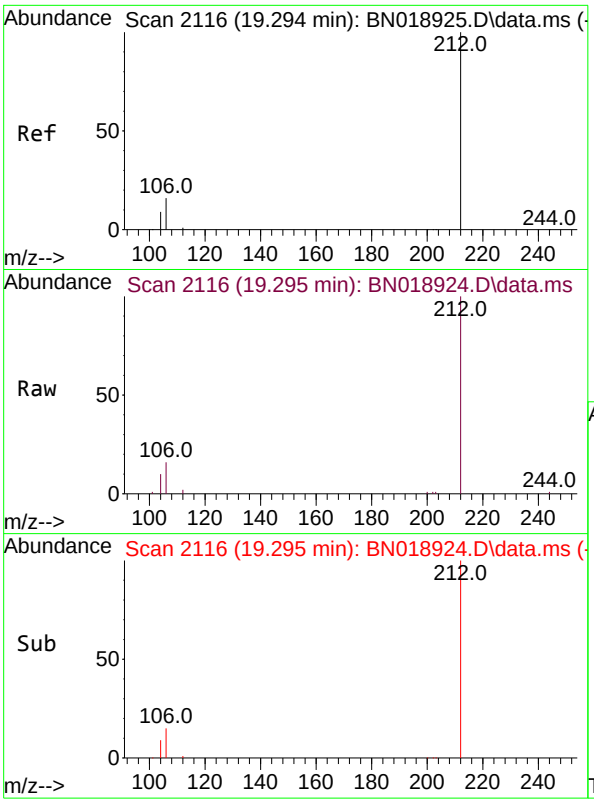


#26
Anthracene
Concen: 0.191 ng
RT: 17.400 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:178 Resp: 9753

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



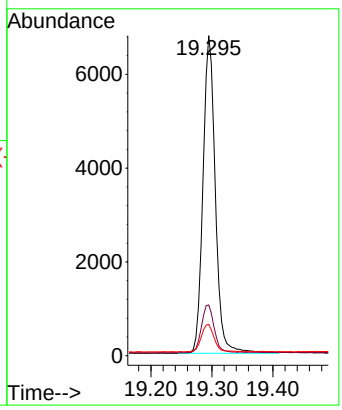


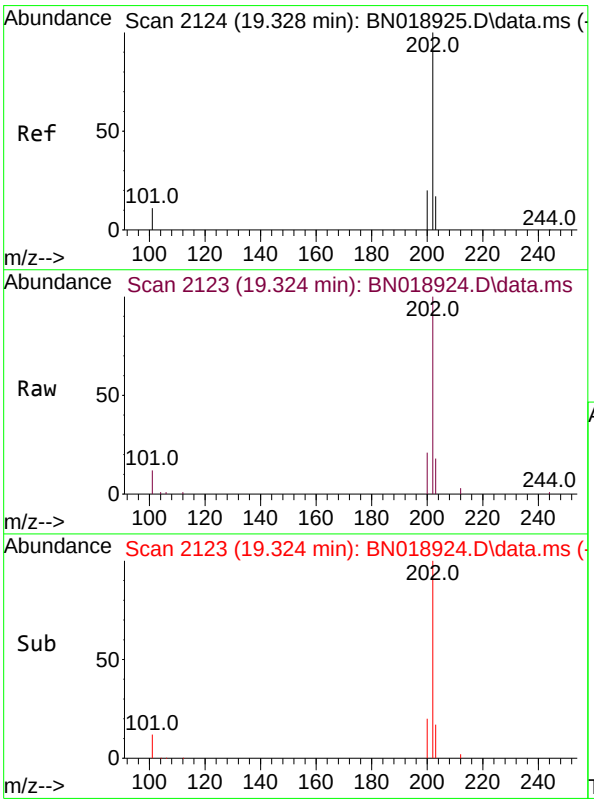
#27
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 9573

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.7	19.1
104	8.9	7.1	10.7

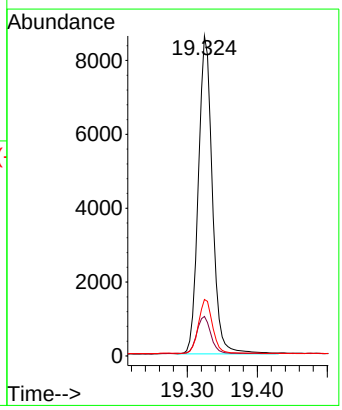


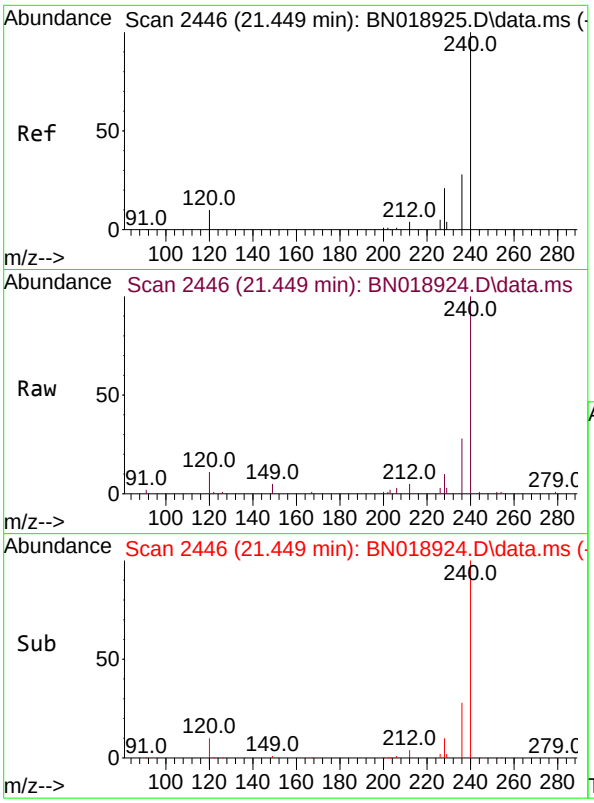


#28
Fluoranthene
Concen: 0.174 ng
RT: 19.324 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:202 Resp: 11957

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
203	16.9	13.7	20.5



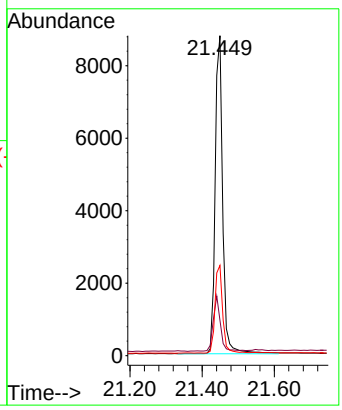


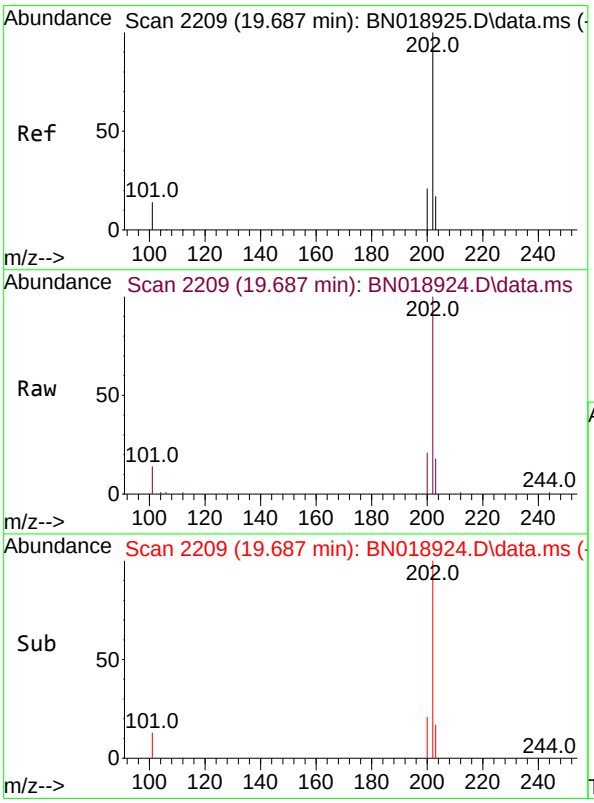
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 12740

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.5	12.7
236	28.2	22.4	33.6

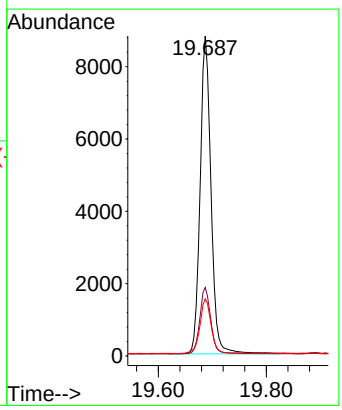


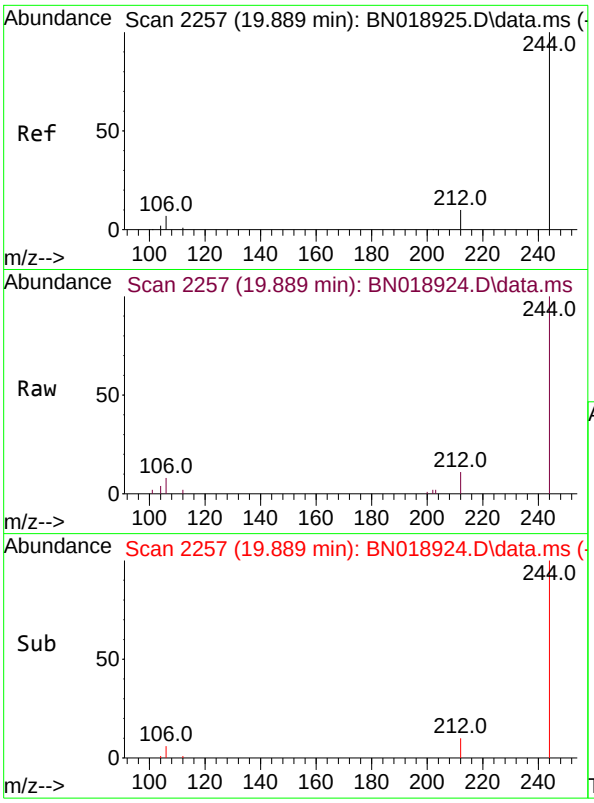


#30
Pyrene
Concen: 0.215 ng
RT: 19.687 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:202 Resp: 12245

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.7	14.2	21.2



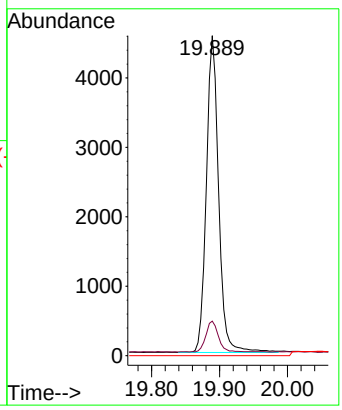


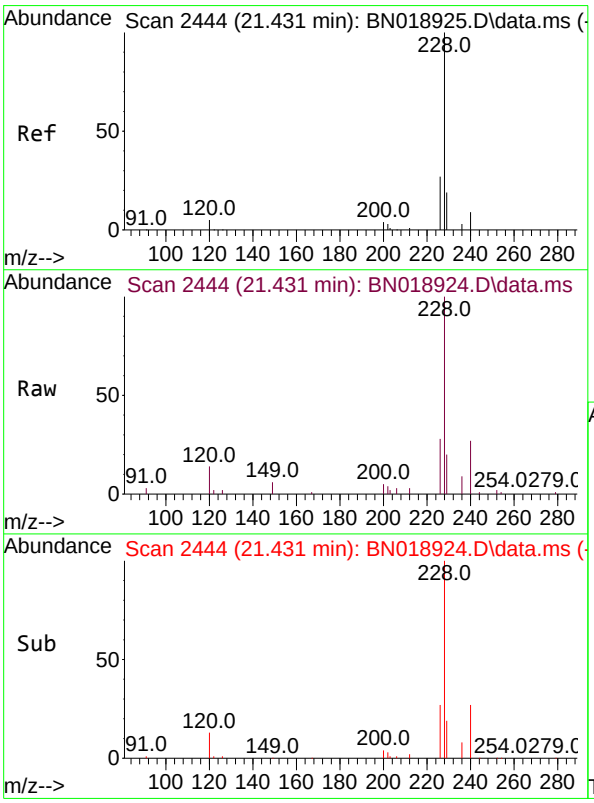
#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.889 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 5698

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.2	12.4
122	0.0	0.0	0.0

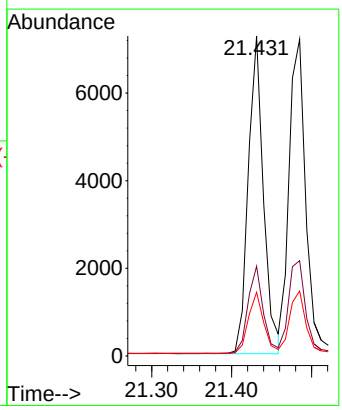


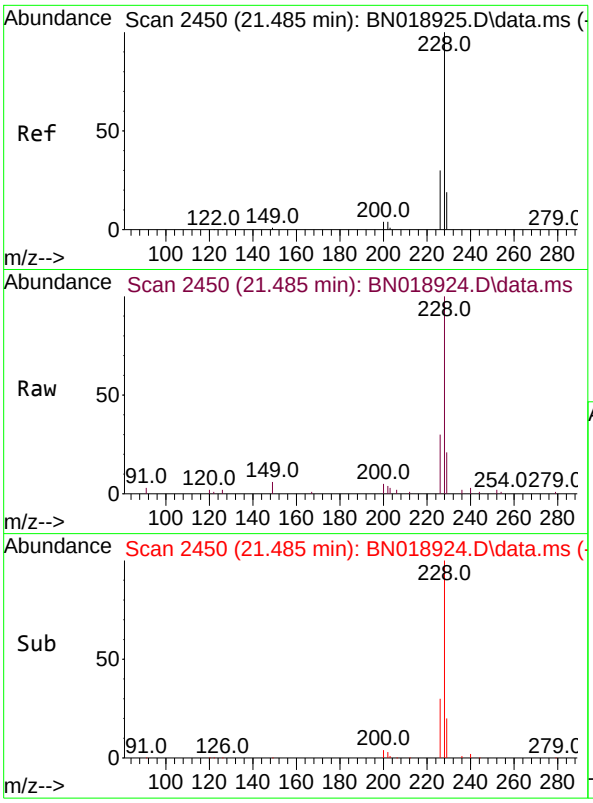


#32
Benzo(a)anthracene
Concen: 0.201 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:228 Resp: 9598

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	19.9	16.0	24.0



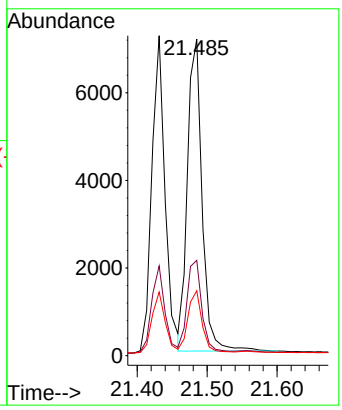


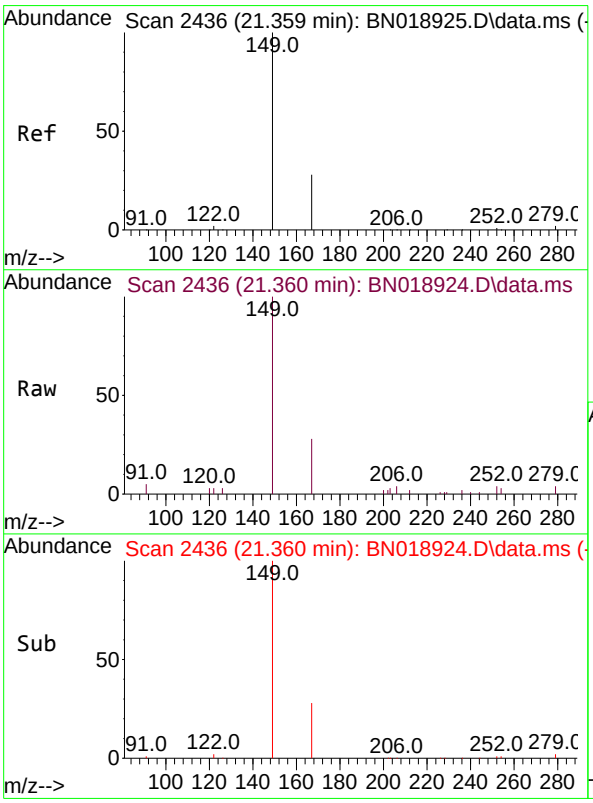
#33
Chrysene
Concen: 0.198 ng
RT: 21.485 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 10386

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.5	15.9	23.9

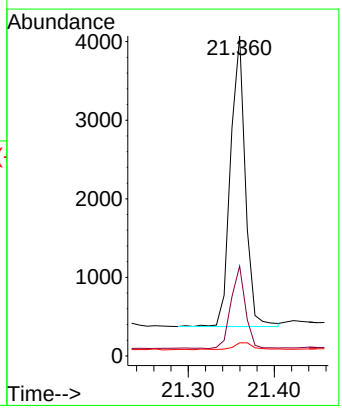


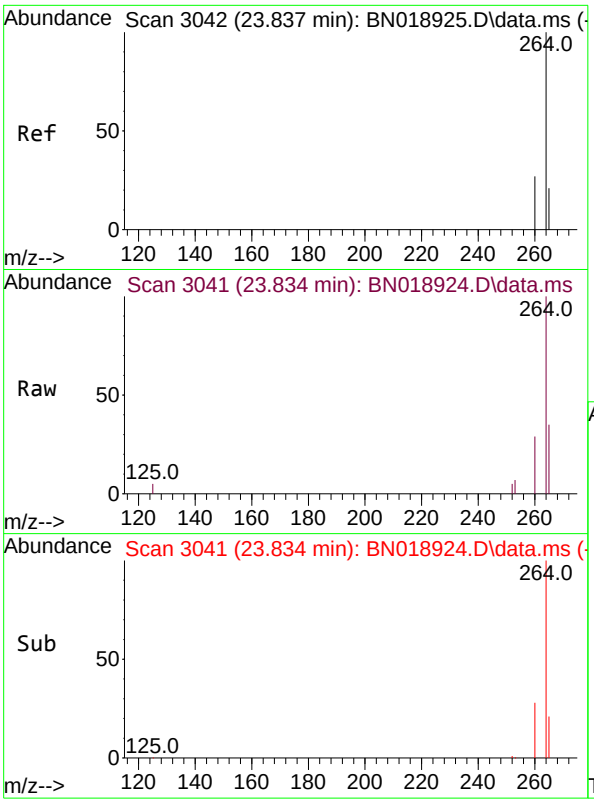


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.149 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:149 Resp: 4401

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	3.7	2.0	3.0#



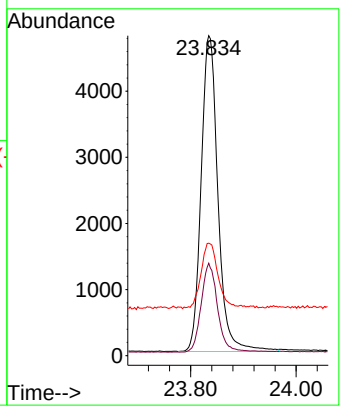


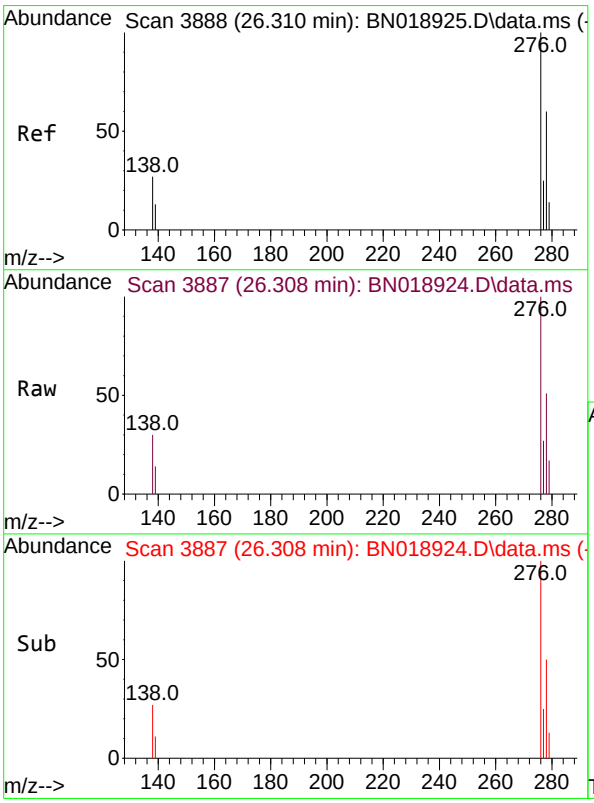
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.834 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 10554

Ion	Ratio	Lower	Upper
264	100		
260	28.9	22.4	33.6
265	35.2	25.3	37.9

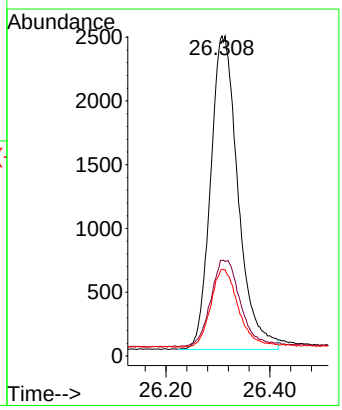


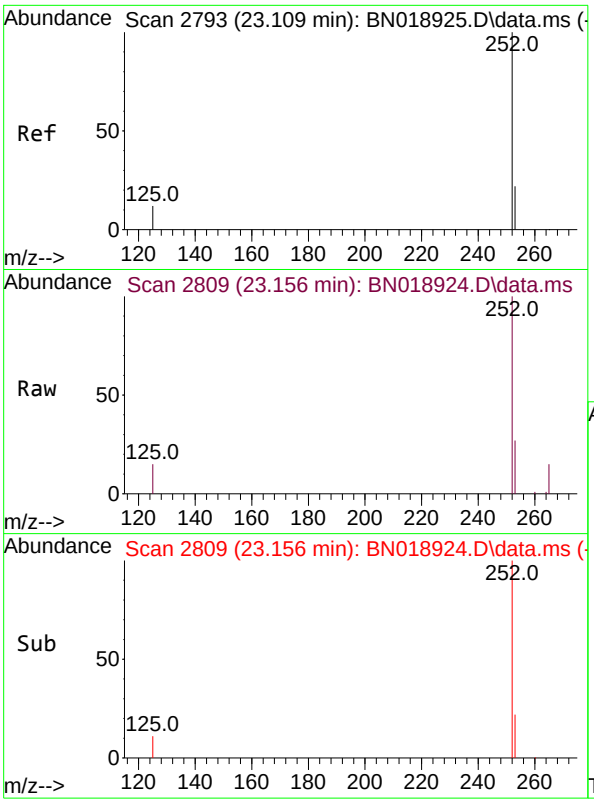


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng
RT: 26.308 min Scan# 3887
Delta R.T. -0.003 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:276 Resp: 9027

Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.5	36.7
277	25.4	19.8	29.8



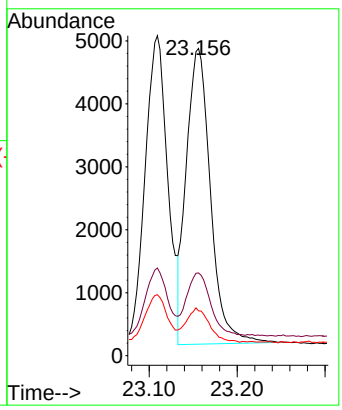


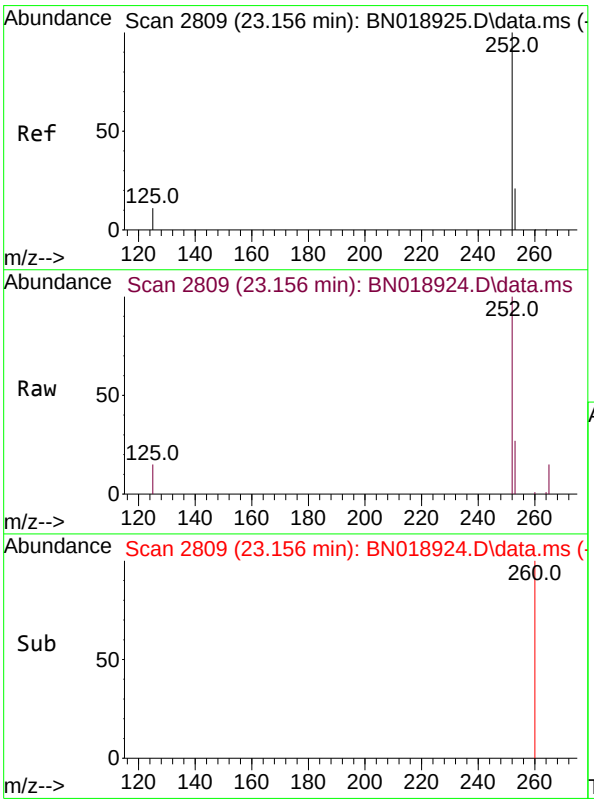
#37
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 23.156 min Scan# 2
Delta R.T. 0.047 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8958

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.9	28.3
125	14.6	12.1	18.1

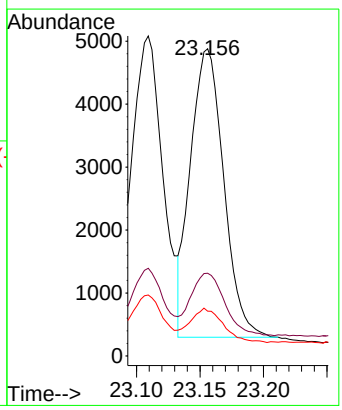


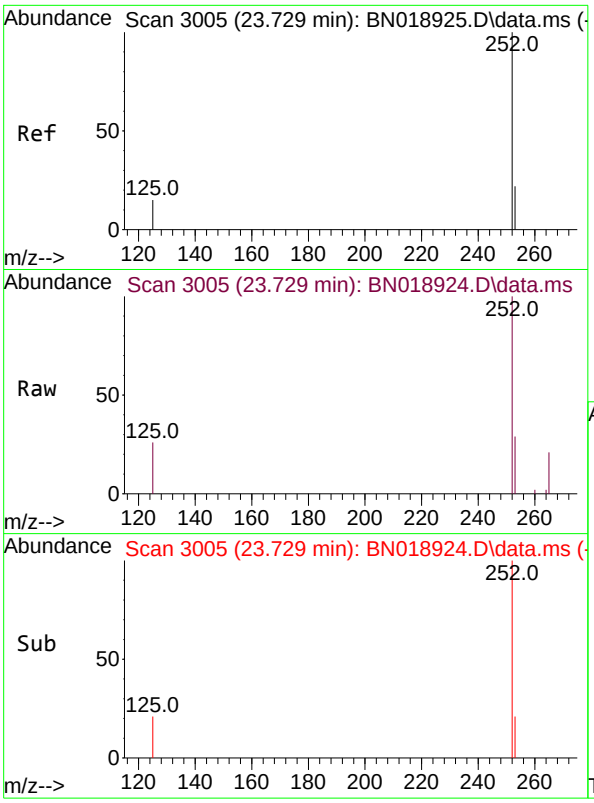


#38
Benzo(k)fluoranthene
Concen: 0.172 ng
RT: 23.156 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:252 Resp: 8361

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.9	28.3
125	14.6	10.3	15.5



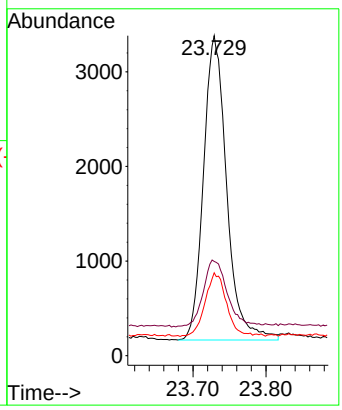


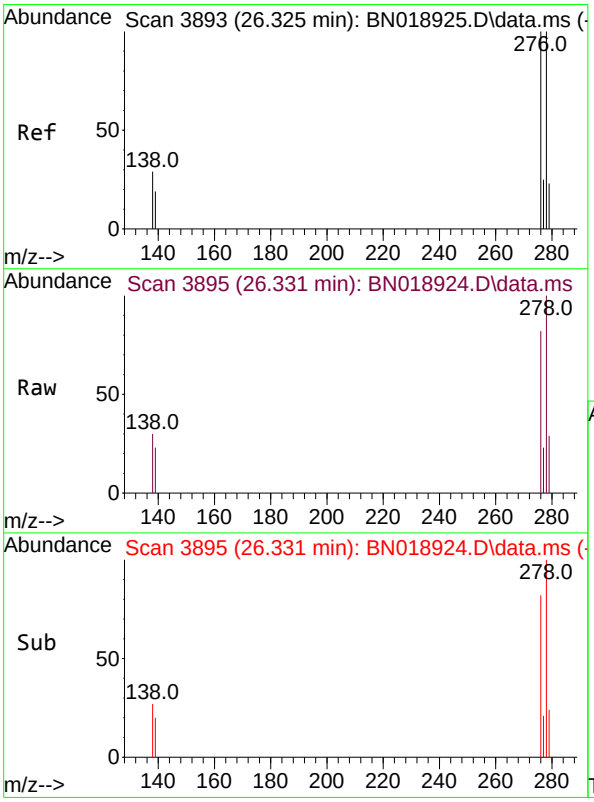
#39
Benzo(a)pyrene
Concen: 0.188 ng
RT: 23.729 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 7101

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.1	30.1
125	25.9	15.2	22.8#

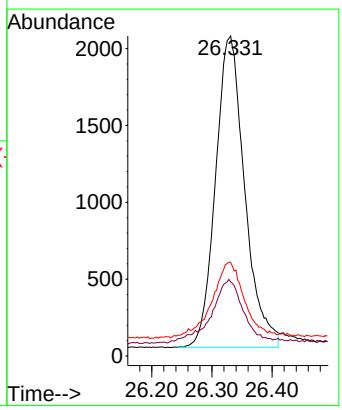


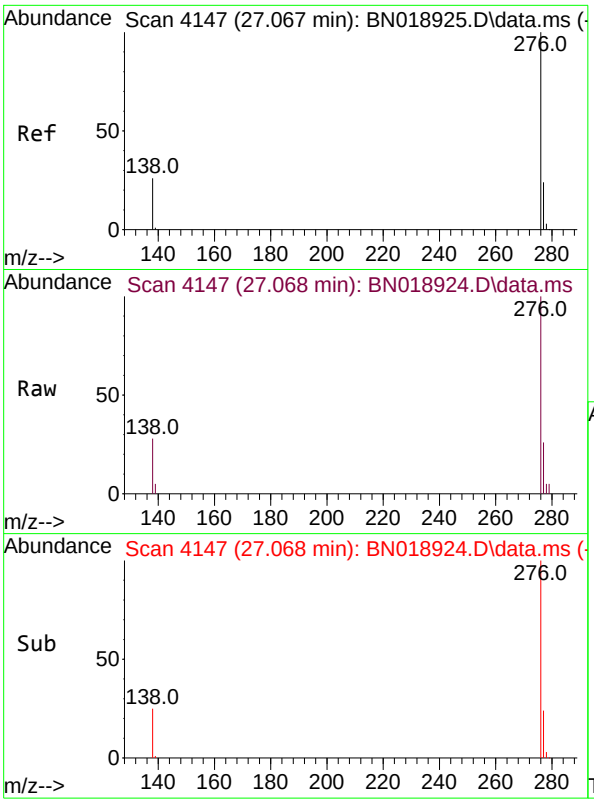


#40
Dibenzo(a,h)anthracene
Concen: 0.187 ng
RT: 26.331 min Scan# 3895
Delta R.T. 0.006 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Tgt Ion:278 Resp: 6810

Ion	Ratio	Lower	Upper
278	100		
139	23.1	17.2	25.8
279	29.2	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.207 ng
RT: 27.068 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018924.D
Acq: 11 Mar 2022 14:31

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8068

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.4	29.0
138	27.5	21.0	31.6