Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030322\
Data File : BN018798.D
Acq On : 02 Mar 2022 19:05
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 03 00:12:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:10:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	6441	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	16650	0.400	ng		0.00
13) Acenaphthene-d10	14.538	164	10192	0.400	ng		0.00
19) Phenanthrene-d10	17.277	188	21394	0.400	ng		0.00
29) Chrysene-d12	21.458	240	17336	0.400	ng	#	0.00
35) Perylene-d12	23.858	264	11931	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	22969	1.558	ng		0.00
5) Phenol-d6	7.060	99	27874	1.644	ng		0.00
8) Nitrobenzene-d5	9.068	82	19957	1.550	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	44405	1.769	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	7822	1.966	ng		0.00
15) 2-Fluorobiphenyl	13.170	172	70135	1.452	ng		0.00
27) Fluoranthene-d10	19.312	212	101771	1.752	ng		0.00
31) Terphenyl-d14	19.902	244	61932	1.646	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	12052	1.611	ng		97
3) n-Nitrosodimethylamine	3.637	42	13162	1.774	ng	#	99
6) bis(2-Chloroethyl)ether	7.327	93	30159	1.731	ng		99
9) Naphthalene	10.765	128	77376	1.610	ng		99
10) Hexachlorobutadiene	11.064	225	17469	1.511	ng	#	100
12) 2-Methylnaphthalene	12.378	142	55757	1.733	ng		99
16) Acenaphthylene	14.260	152	78230	1.618	ng		99
17) Acenaphthene	14.602	154	53956	1.617	ng		99
18) Fluorene	15.586	166	71073	1.769	ng		99
20) 4,6-Dinitro-2-methylph...	15.661	198	5807	1.850	ng	#	85
21) 4-Bromophenyl-phenylether	16.477	248	24022	1.580	ng		98
22) Hexachlorobenzene	16.600	284	29103	1.529	ng		100
23) Atrazine	16.733	200	13873	1.653	ng		97
24) Pentachlorophenol	16.938	266	7694	1.911	ng		99
25) Phenanthrene	17.318	178	117033	1.635	ng		100
26) Anthracene	17.410	178	100913	1.664	ng		100
28) Fluoranthene	19.341	202	133624	1.786	ng		100
30) Pyrene	19.704	202	130612	1.687	ng		100
32) Benzo(a)anthracene	21.449	228	107567	1.636	ng		99
33) Chrysene	21.494	228	114828	1.565	ng		98
34) Bis(2-ethylhexyl)phtha...	21.378	149	41709	1.561	ng		100
36) Indeno(1,2,3-cd)pyrene	26.346	276	88112	1.399	ng		99
37) Benzo(b)fluoranthene	23.127	252	91527	1.689	ng		95
38) Benzo(k)fluoranthene	23.176	252	93590	1.742	ng		97
39) Benzo(a)pyrene	23.752	252	70852	1.639	ng	#	93
40) Dibenzo(a,h)anthracene	26.363	278	68190	1.388	ng		98
41) Benzo(g,h,i)perylene	27.109	276	71566	1.328	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030322\
Data File : BN018798.D
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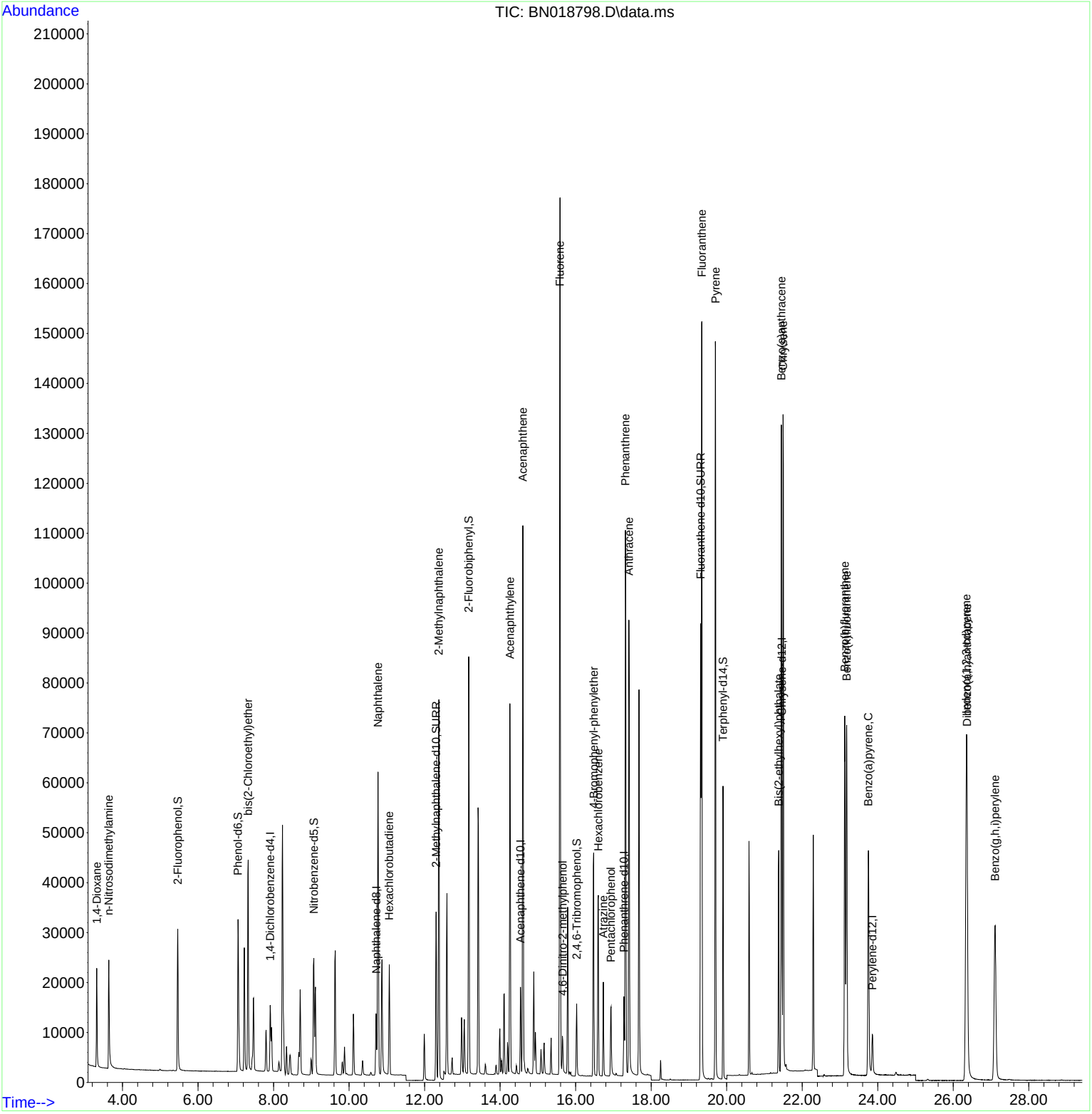
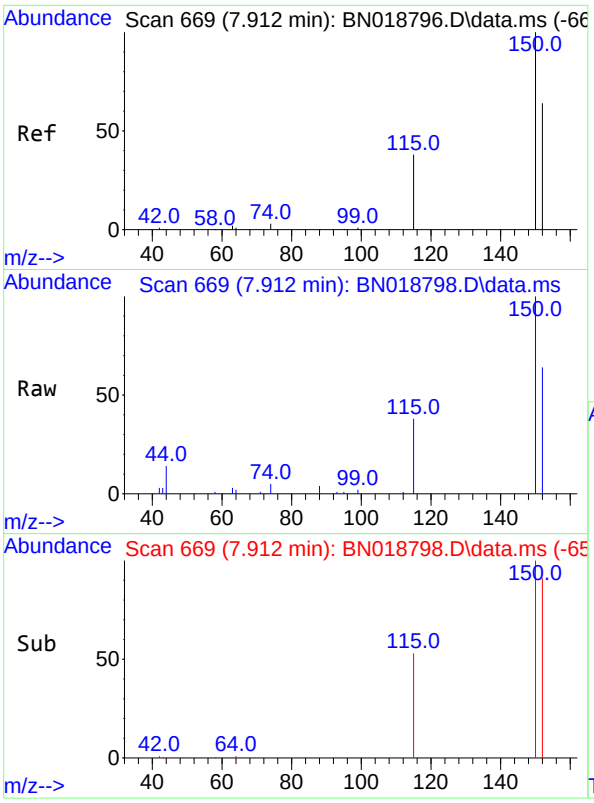
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 03 00:12:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:10:39 2022
Response via : Initial Calibration



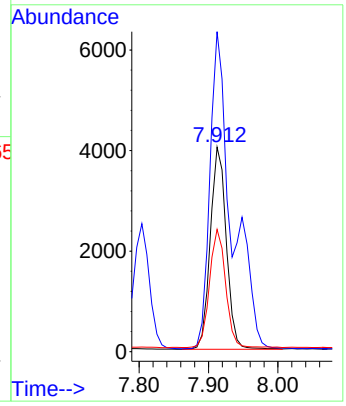


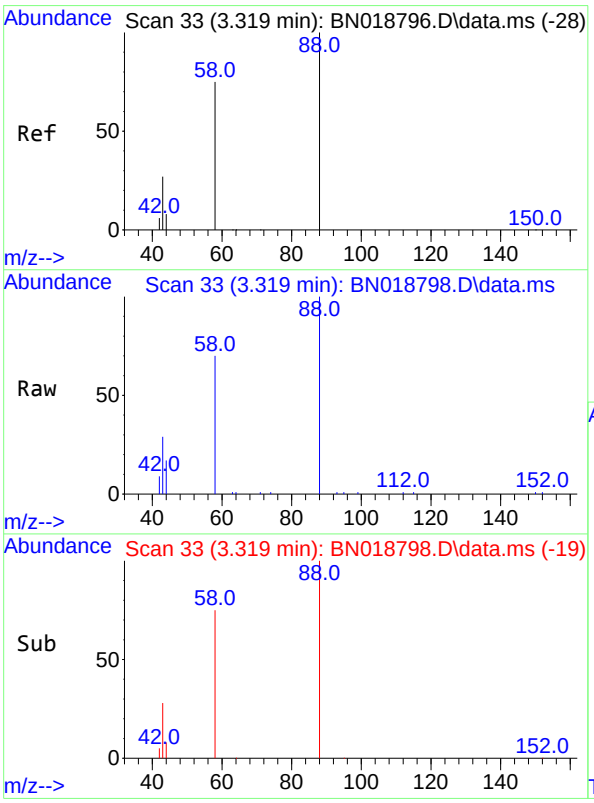
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 6441

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.9	185.9
115	59.8	48.2	72.4

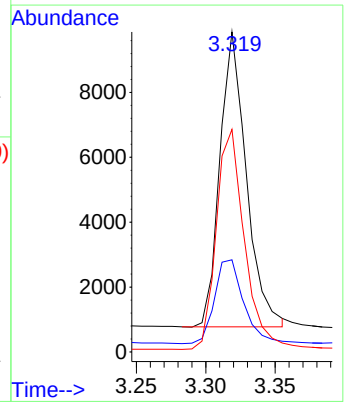


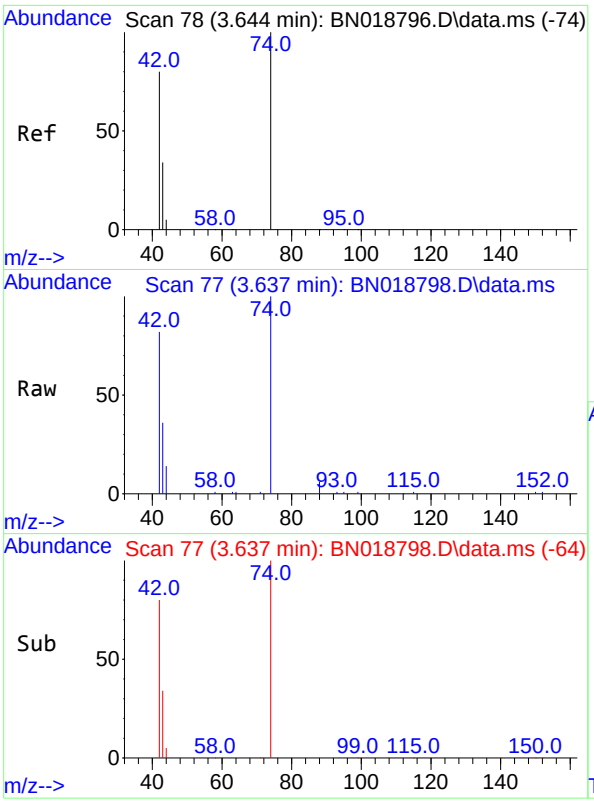


#2
1,4-Dioxane
Concen: 1.611 ng
RT: 3.319 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion: 88 Resp: 12052

Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.6	37.0
58	78.8	65.4	98.2



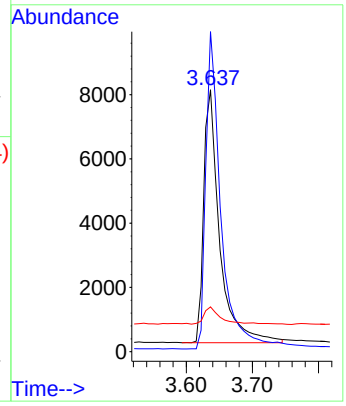


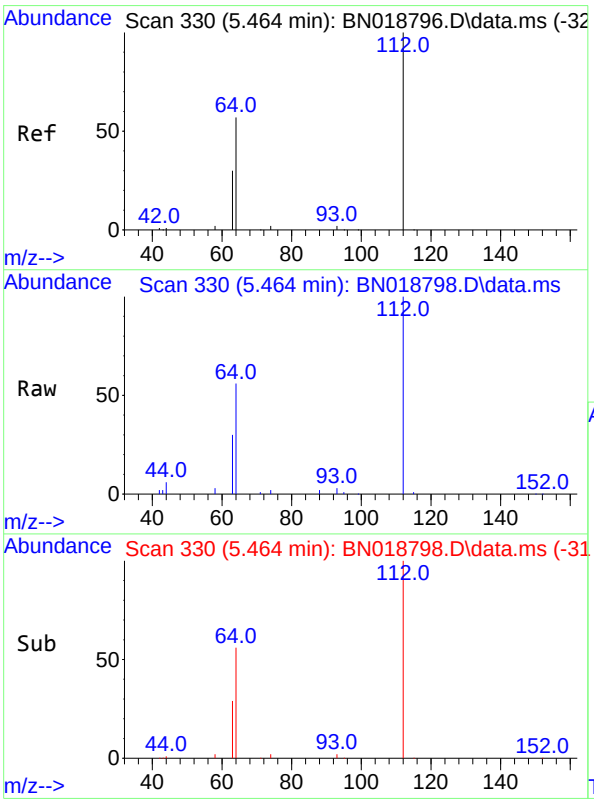
#3
n-Nitrosodimethylamine
Concen: 1.774 ng
RT: 3.637 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 13162

Ion	Ratio	Lower	Upper
42	100		
74	120.3	96.9	145.3
44	7.0	7.3	10.9#

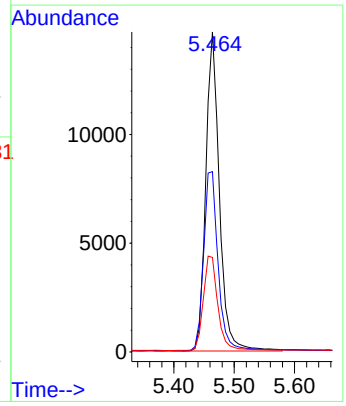


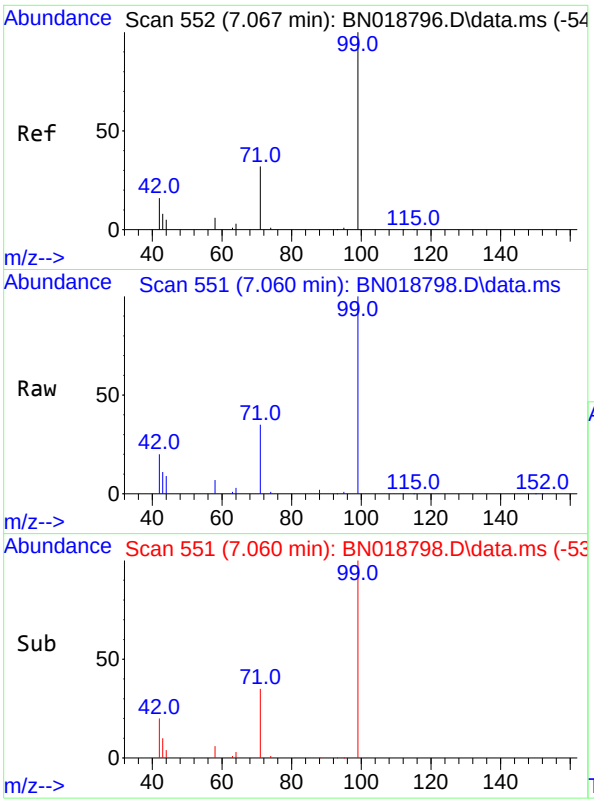


#4
2-Fluorophenol
Concen: 1.558 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:112 Resp: 22969

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.8	71.8
63	31.8	25.7	38.5



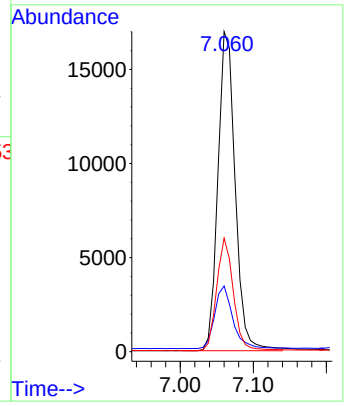


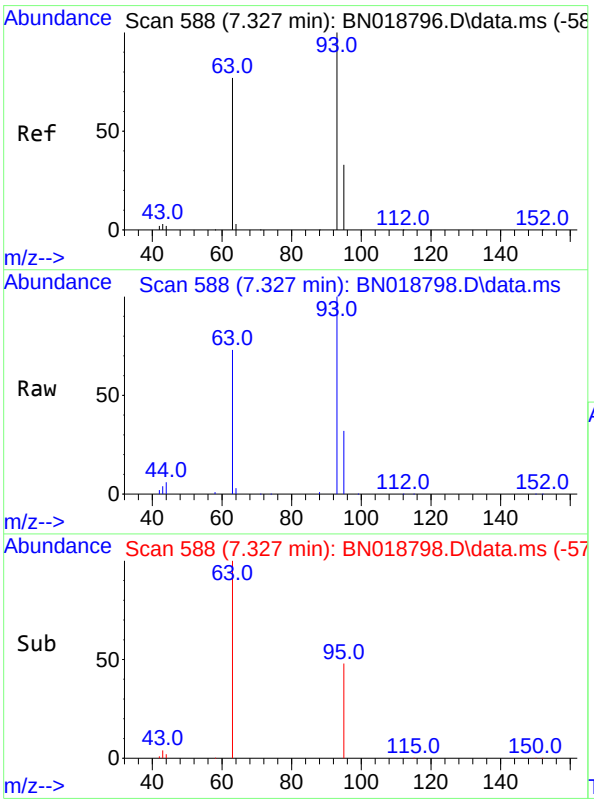
#5
Phenol-d6
Concen: 1.644 ng
RT: 7.060 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 27874

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.4
71	34.1	27.7	41.5

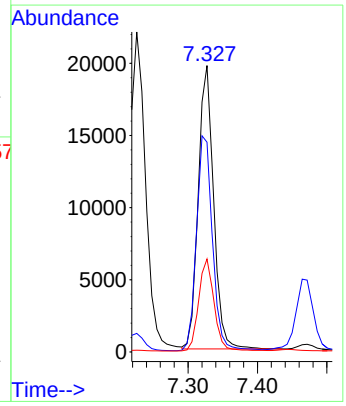


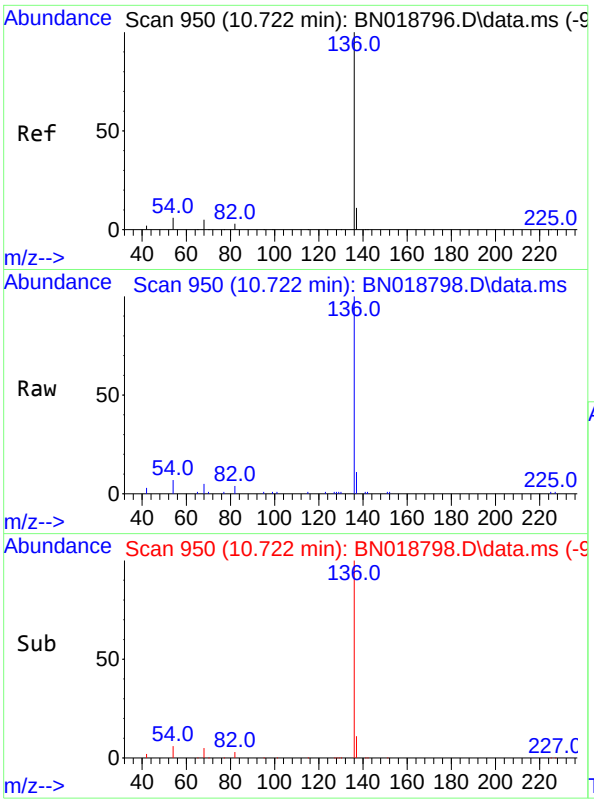


#6
bis(2-Chloroethyl)ether
Concen: 1.731 ng
RT: 7.327 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion: 93 Resp: 30159

Ion	Ratio	Lower	Upper
93	100		
63	79.2	62.8	94.2
95	32.7	26.2	39.4



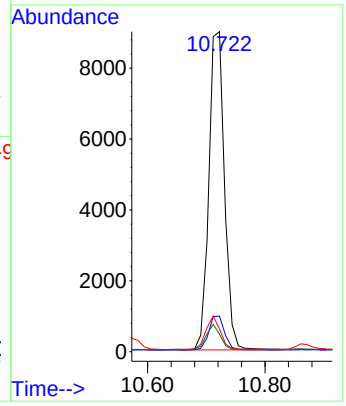


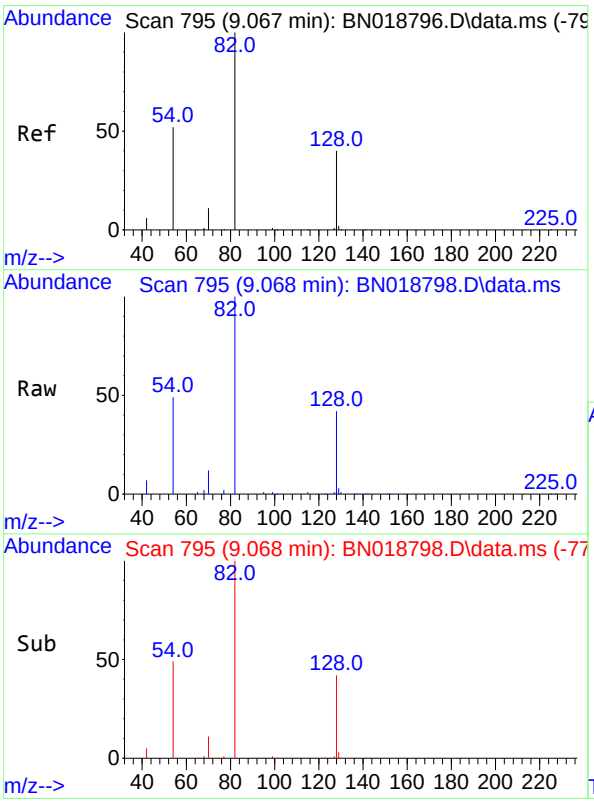
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 16650

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.8	8.6
68	5.4	4.6	7.0

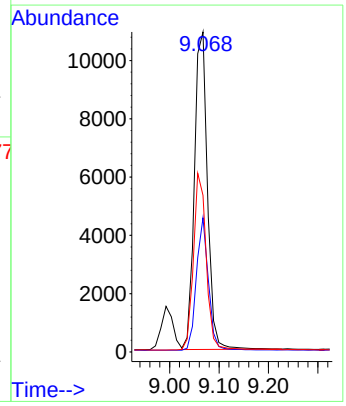


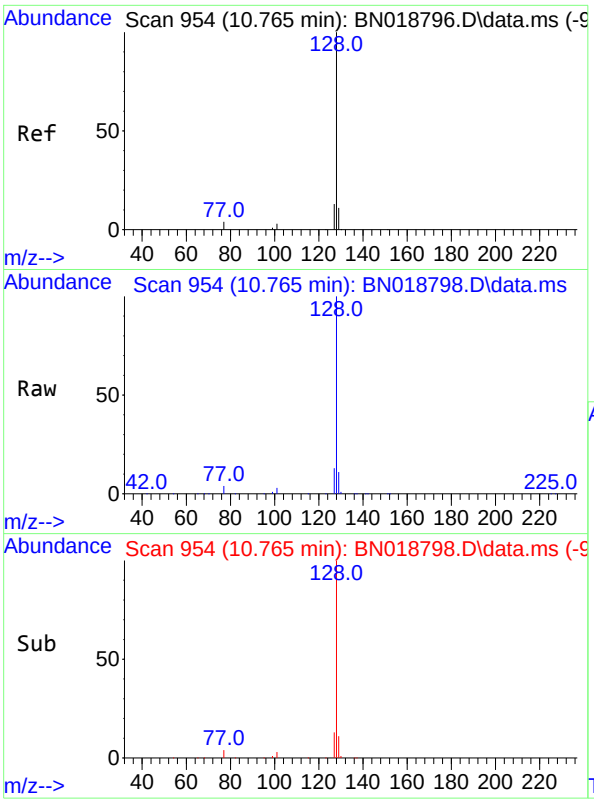


#8
Nitrobenzene-d5
Concen: 1.550 ng
RT: 9.068 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion: 82 Resp: 19957

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.6
54	49.0	42.5	63.7



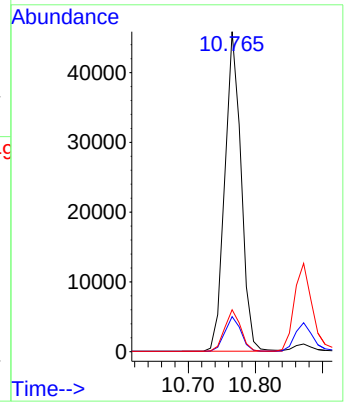


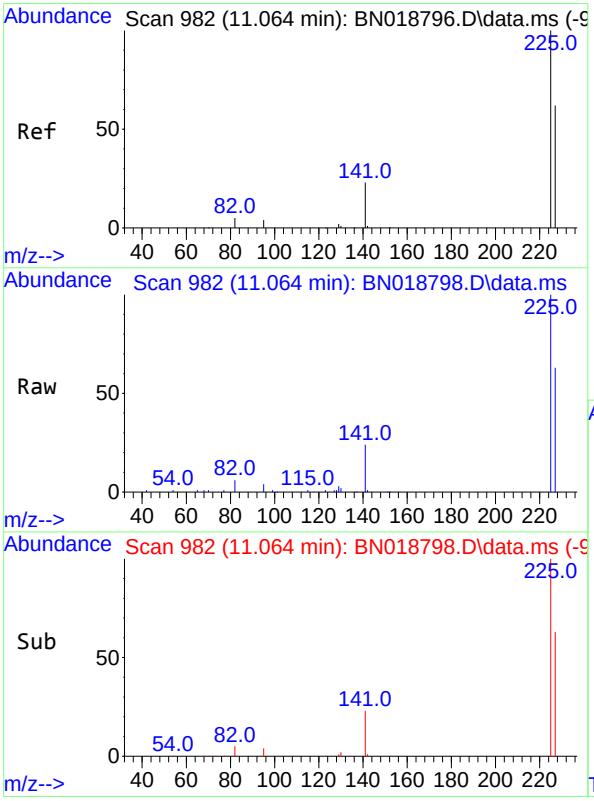
#9
Naphthalene
Concen: 1.610 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 77376

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	10.7	16.1

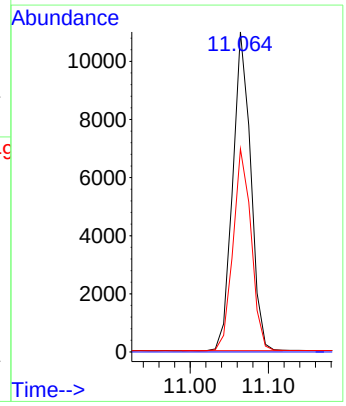


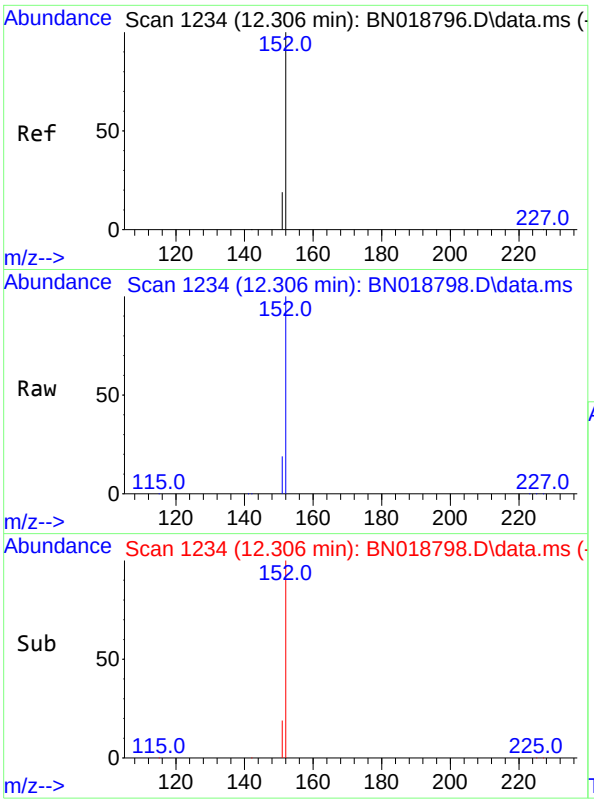


#10
Hexachlorobutadiene
Concen: 1.511 ng
RT: 11.064 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:225 Resp: 17469

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



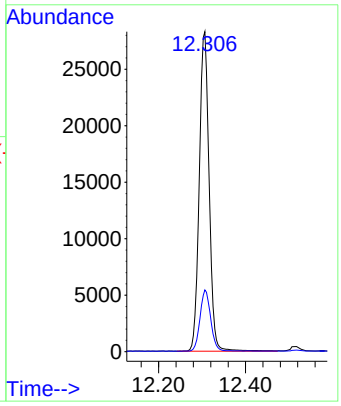


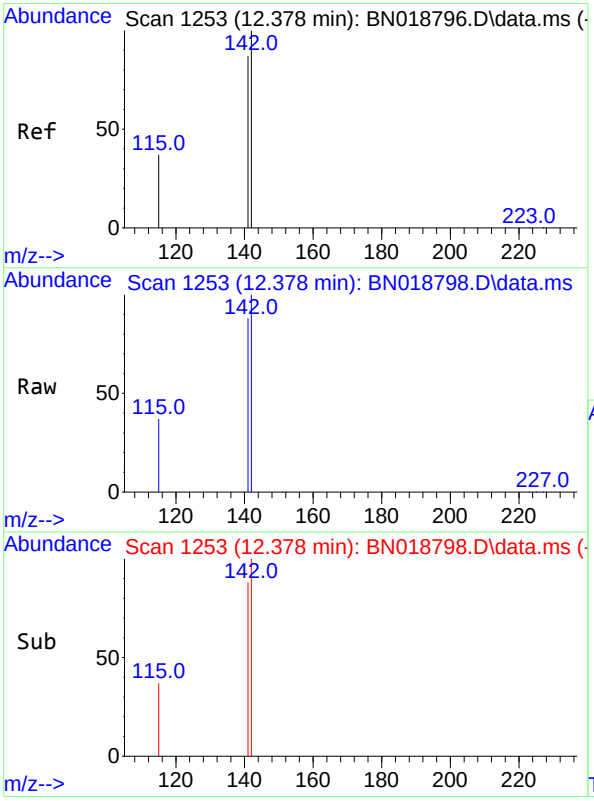
#11
2-Methylnaphthalene-d10
Concen: 1.769 ng
RT: 12.306 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 44405

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7

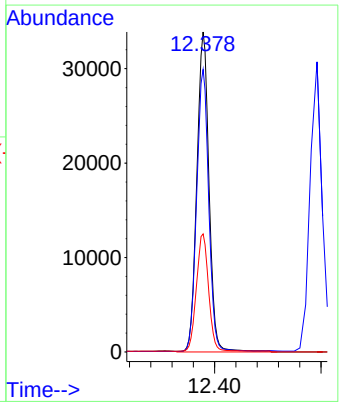


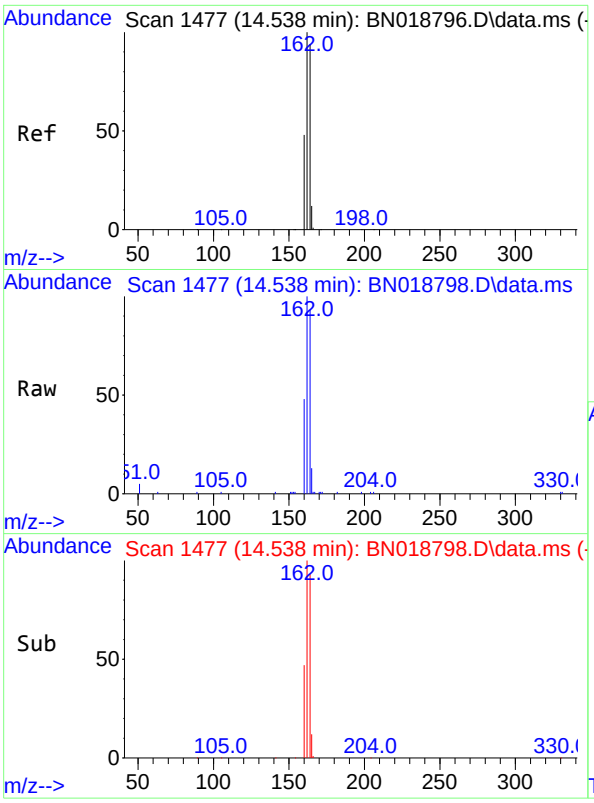


#12
2-Methylnaphthalene
Concen: 1.733 ng
RT: 12.378 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:142 Resp: 55757

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.0	105.0
115	36.9	29.8	44.8



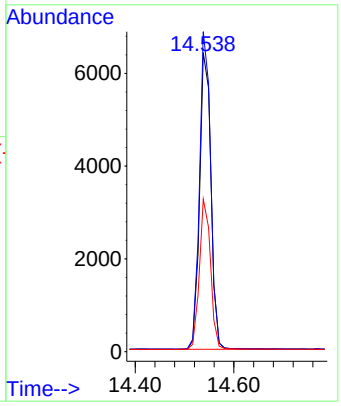


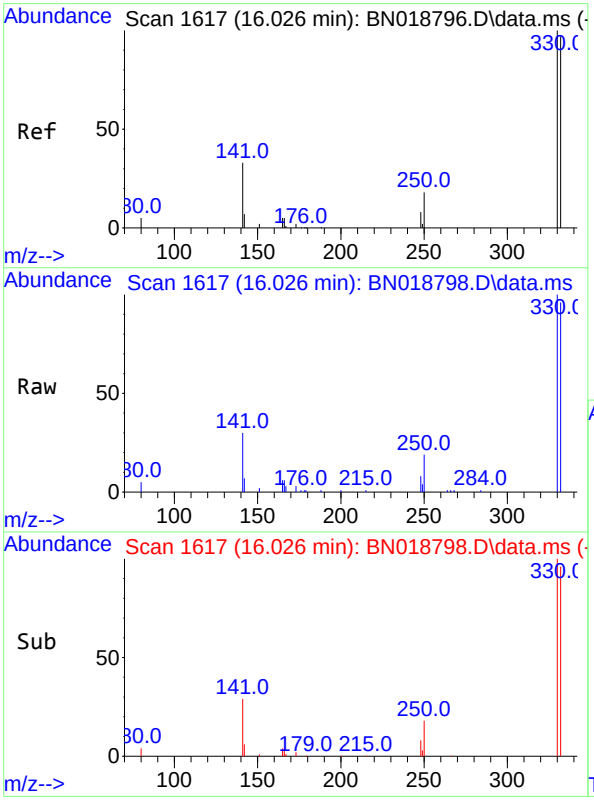
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 10192

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.2	127.8
160	51.0	41.5	62.3

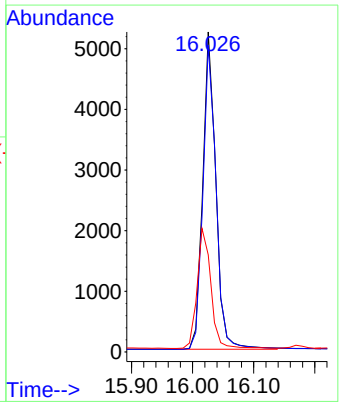


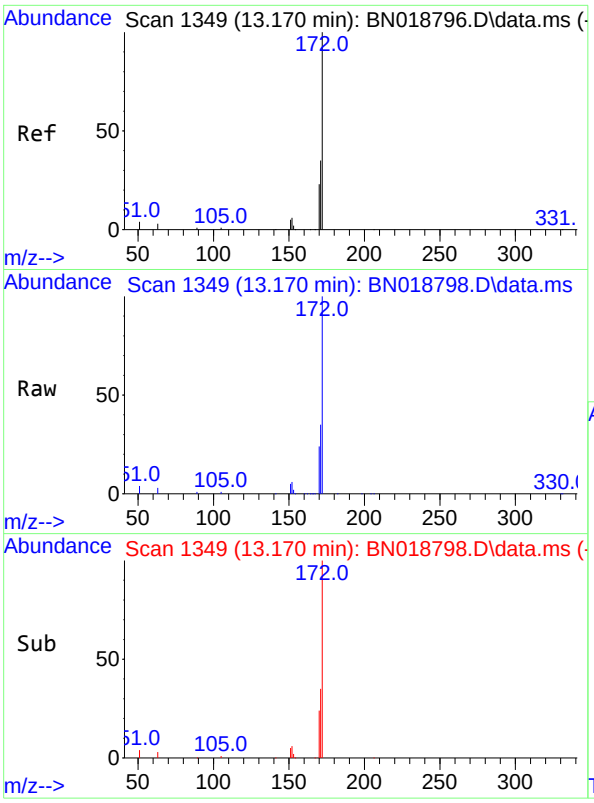


#14
2,4,6-Tribromophenol
Concen: 1.966 ng
RT: 16.026 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:330 Resp: 7822

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	39.7	32.2	48.2



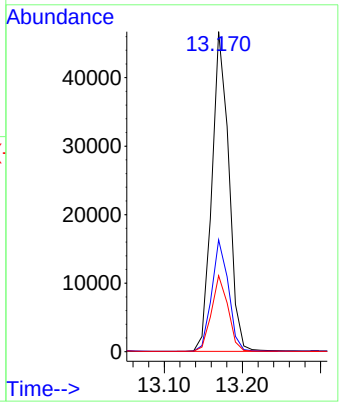


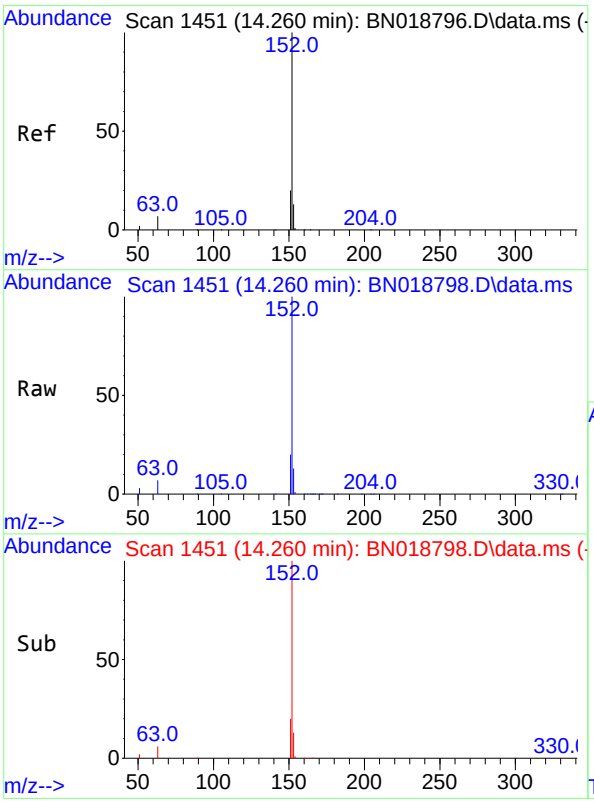
#15
2-Fluorobiphenyl
Concen: 1.452 ng
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 70135

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.7	18.7	28.1

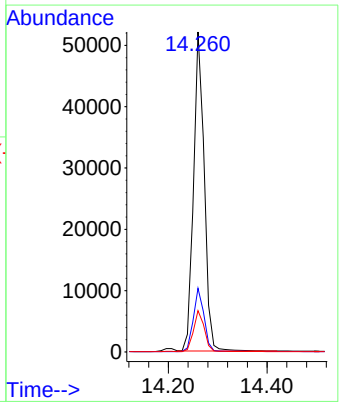


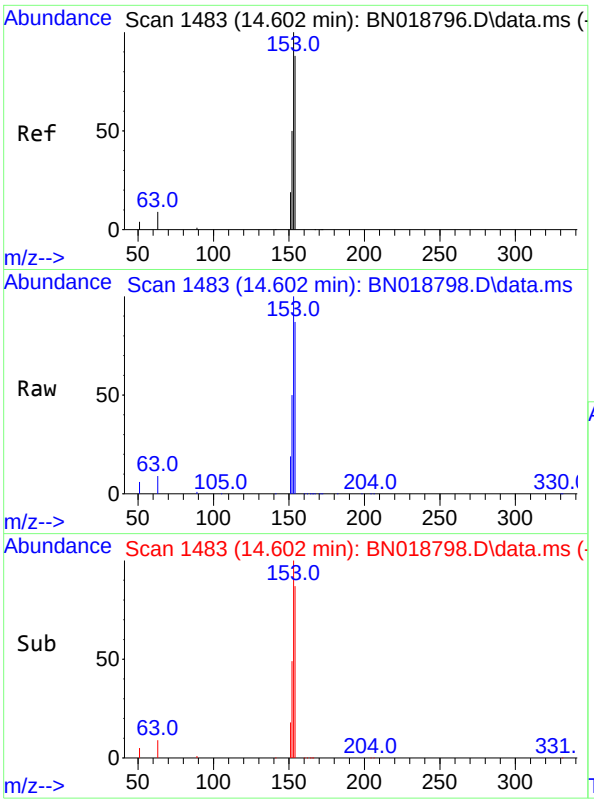


#16
Acenaphthylene
Concen: 1.618 ng
RT: 14.260 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:152 Resp: 78230

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.9	10.6	15.8



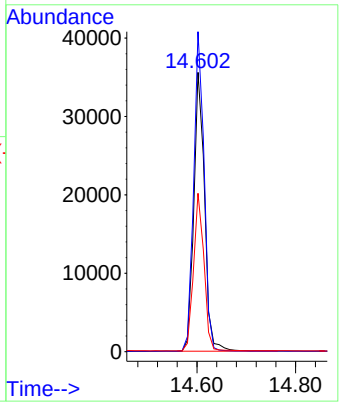


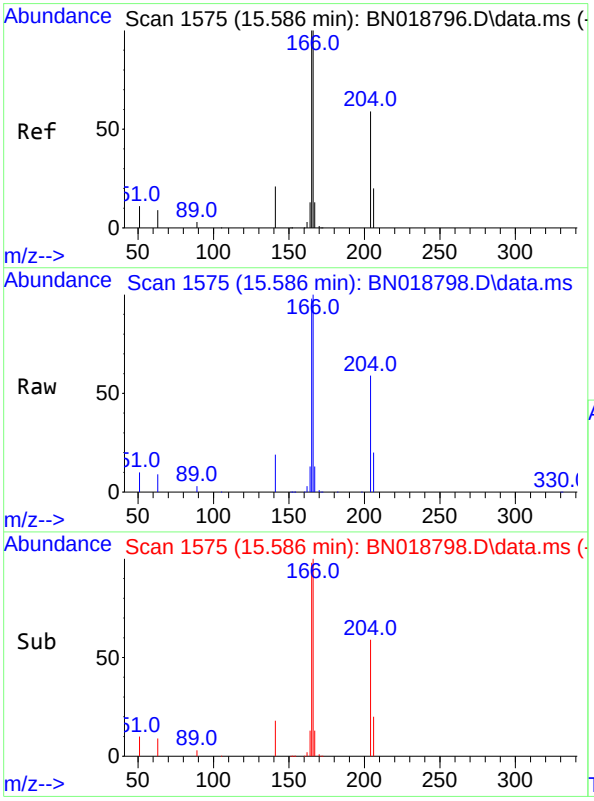
#17
Acenaphthene
Concen: 1.617 ng
RT: 14.602 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 53956

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.7	134.5
152	54.8	44.7	67.1

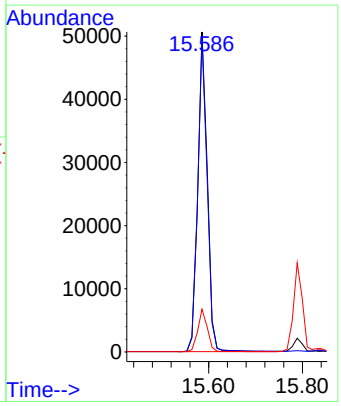


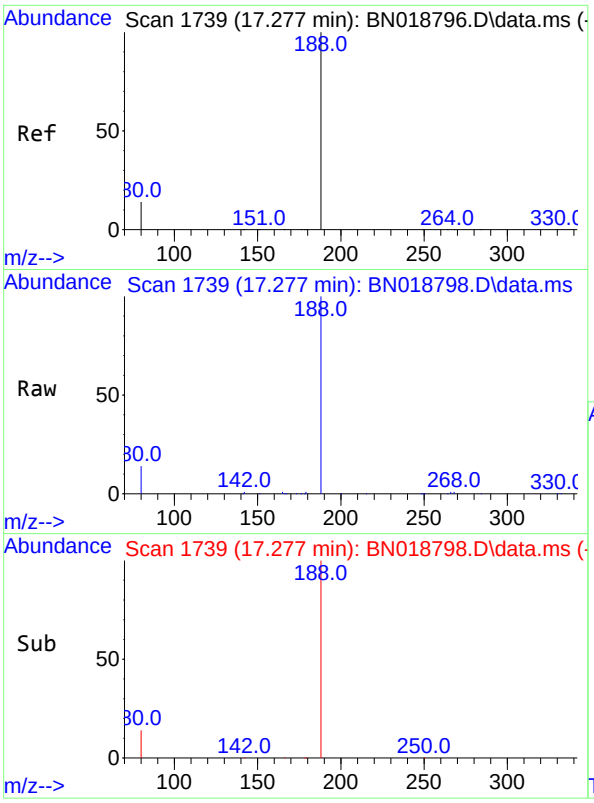


#18
Fluorene
Concen: 1.769 ng
RT: 15.586 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:166 Resp: 71073

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.2	118.8
167	13.4	10.7	16.1



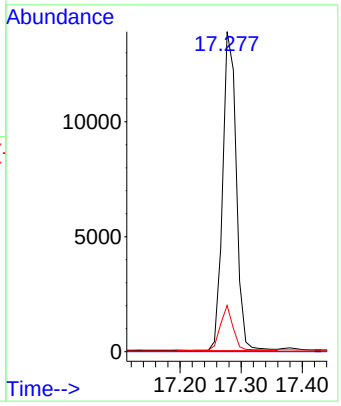


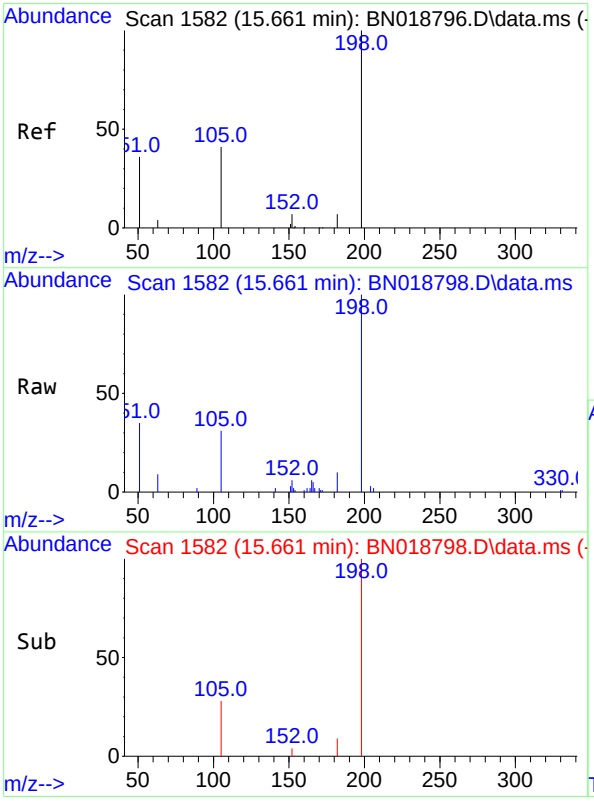
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 21394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	11.8	17.8

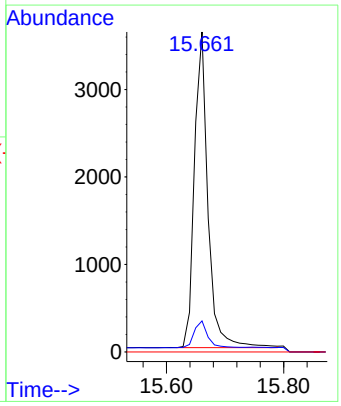


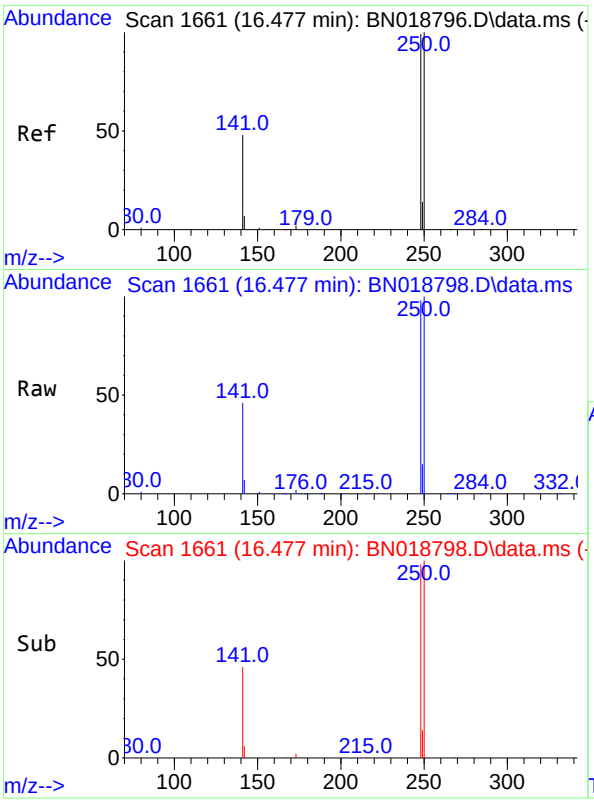


#20
4,6-Dinitro-2-methylphenol
Concen: 1.850 ng
RT: 15.661 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:198 Resp: 5807

Ion	Ratio	Lower	Upper
198	100		
182	9.7	13.0	19.4#
77	0.0	0.0	0.0



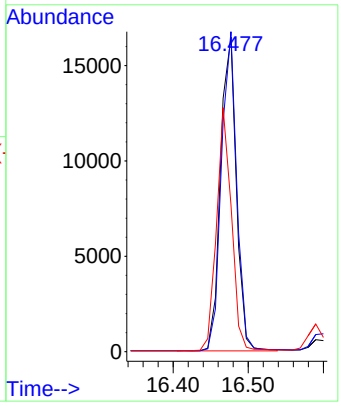


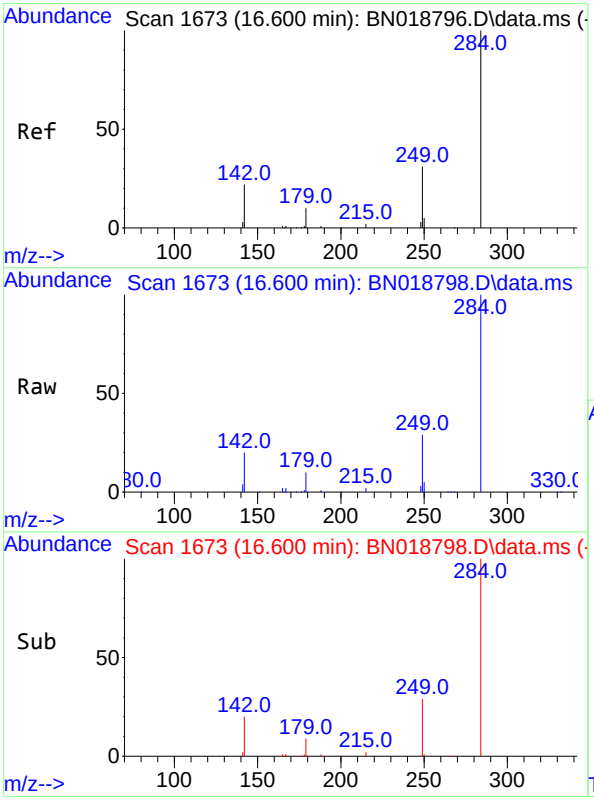
#21
4-Bromophenyl-phenylether
Concen: 1.580 ng
RT: 16.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 24022

Ion	Ratio	Lower	Upper
248	100		
250	101.7	80.7	121.1
141	46.8	39.6	59.4

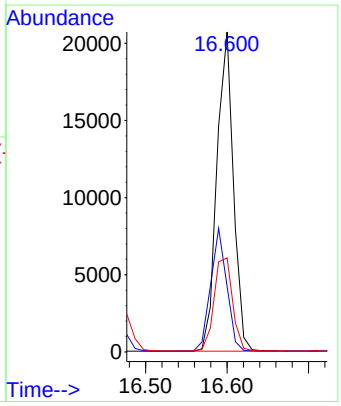


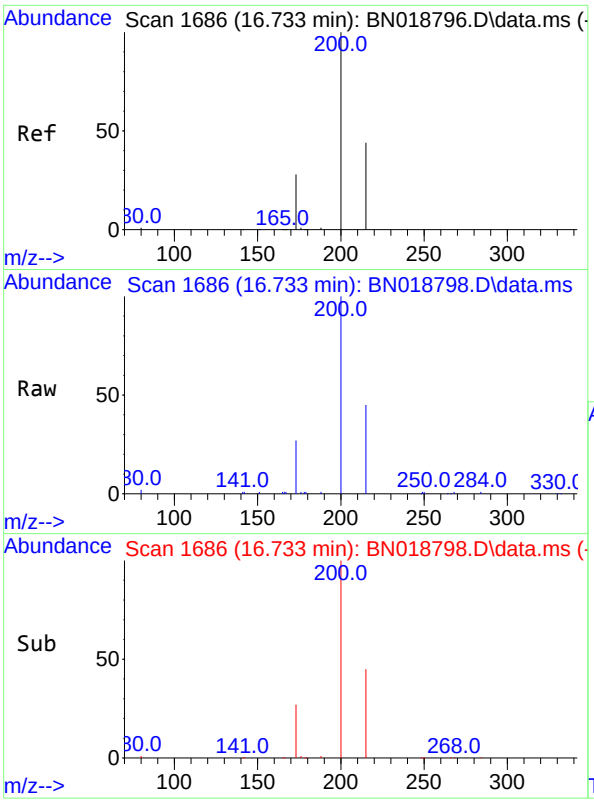


#22
Hexachlorobenzene
Concen: 1.529 ng
RT: 16.600 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:284 Resp: 29103

Ion	Ratio	Lower	Upper
284	100		
142	37.2	29.8	44.8
249	32.6	26.2	39.2



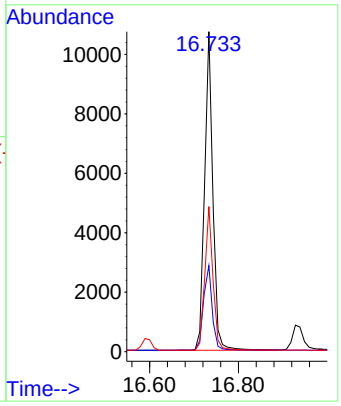


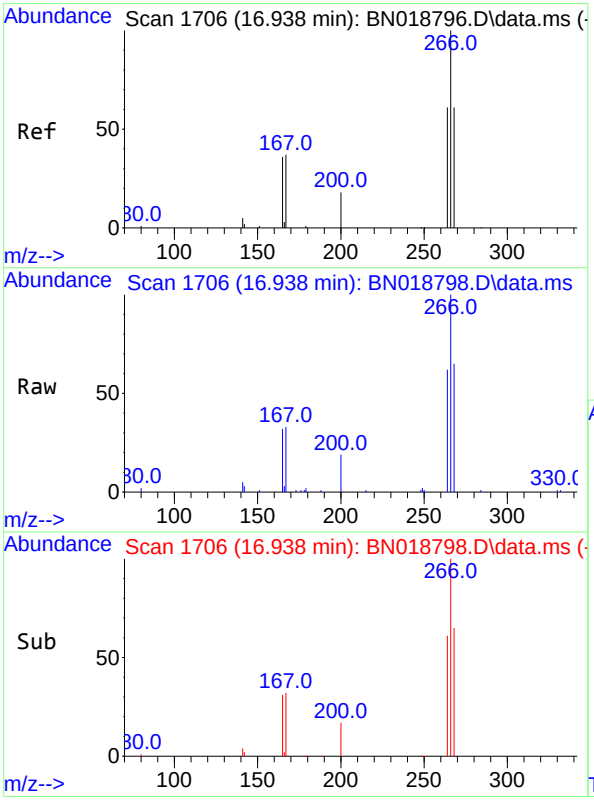
#23
Atrazine
Concen: 1.653 ng
RT: 16.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 13873

Ion	Ratio	Lower	Upper
200	100		
173	26.9	23.9	35.9
215	45.3	36.6	54.8

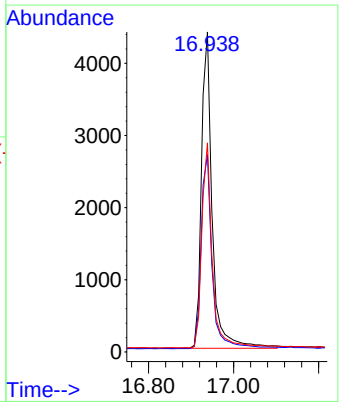


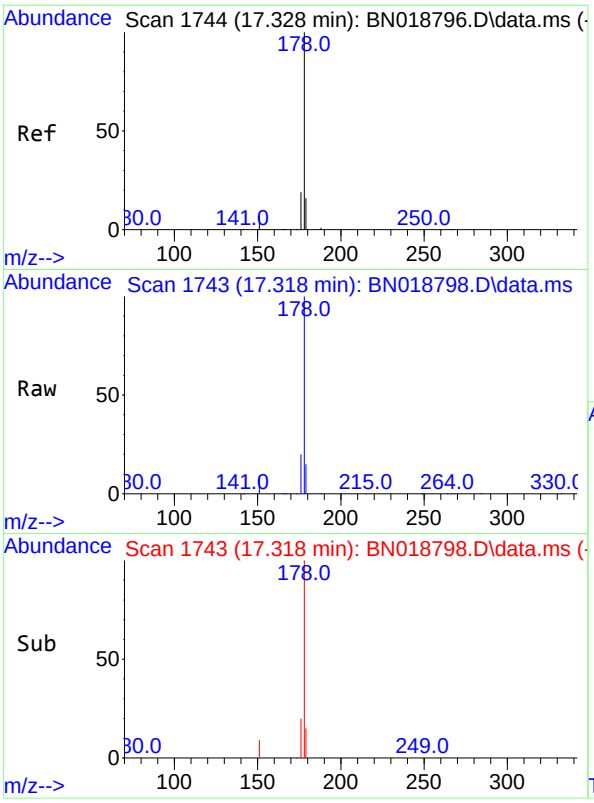


#24
Pentachlorophenol
Concen: 1.911 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:266 Resp: 7694

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.4
268	63.3	51.9	77.9



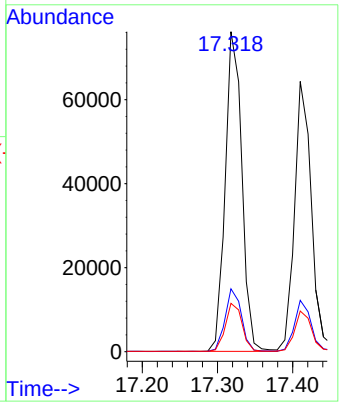


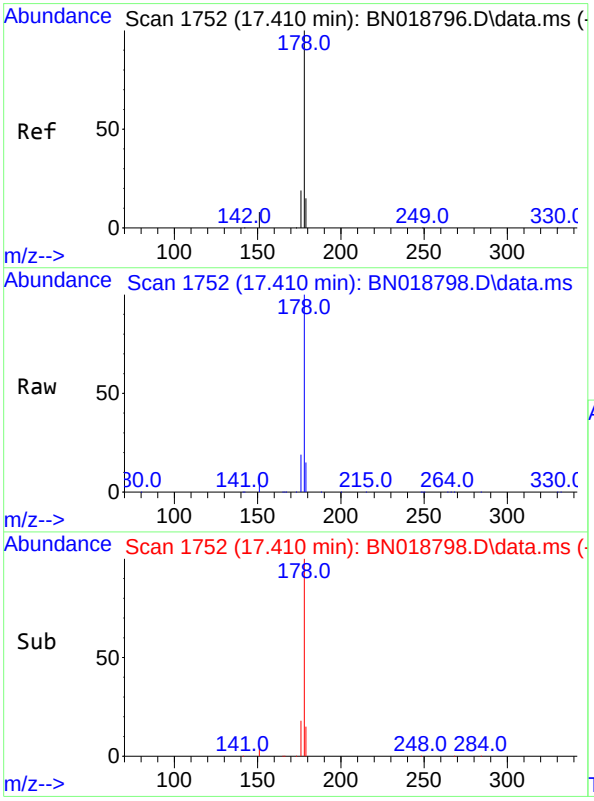
#25
Phenanthrene
Concen: 1.635 ng
RT: 17.318 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 117033

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

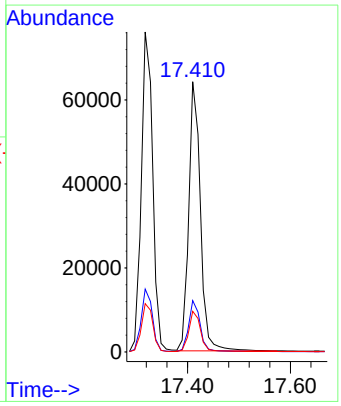


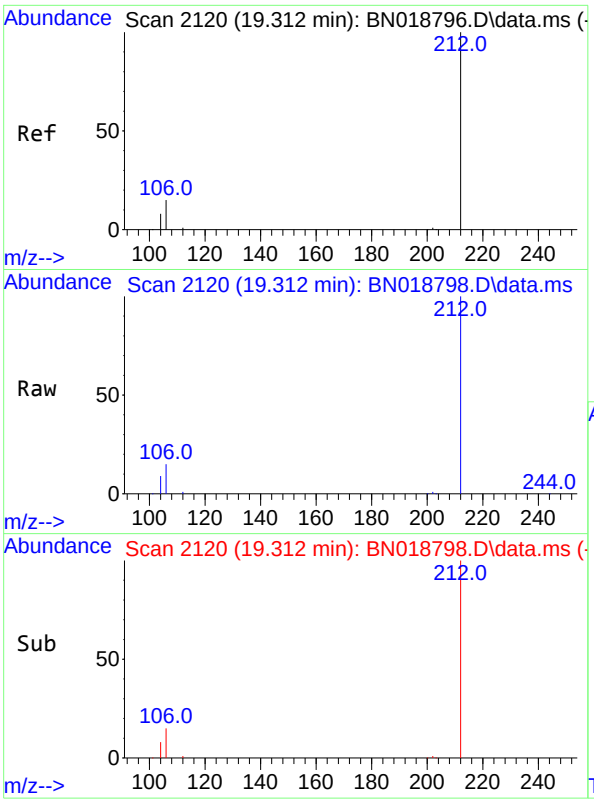


#26
Anthracene
Concen: 1.664 ng
RT: 17.410 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:178 Resp: 100913

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.1	12.2	18.4



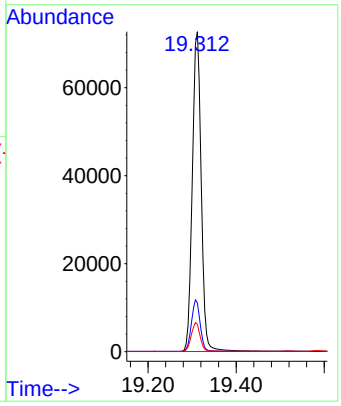


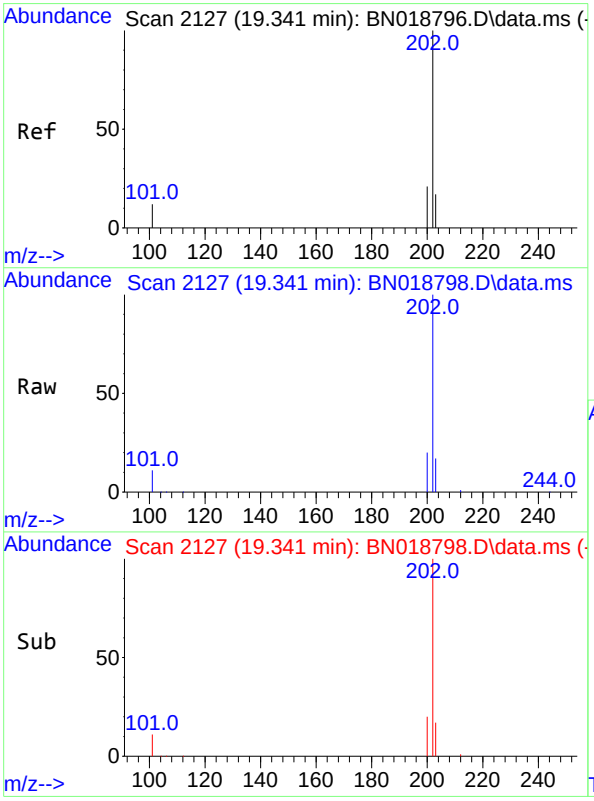
#27
Fluoranthene-d10
Concen: 1.752 ng
RT: 19.312 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 101771

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.7	19.1
104	8.9	7.1	10.7

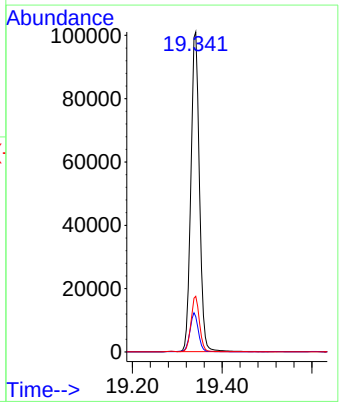


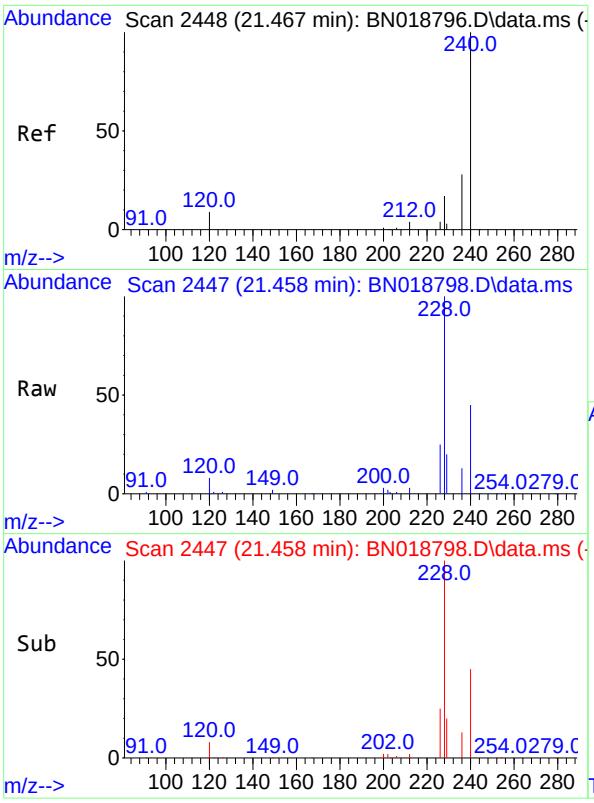


#28
Fluoranthene
Concen: 1.786 ng
RT: 19.341 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:202 Resp: 133624

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
203	17.1	13.7	20.5



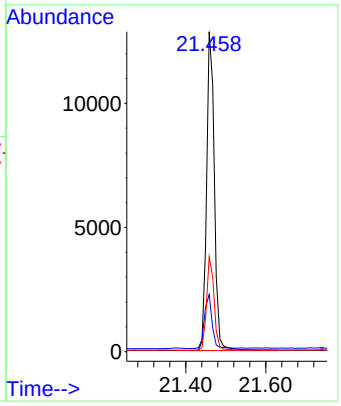


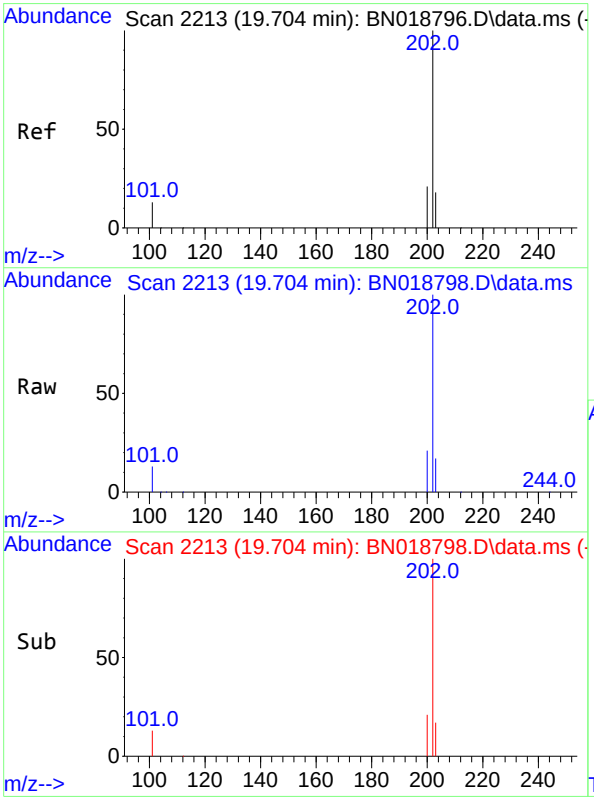
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 17336

Ion	Ratio	Lower	Upper
240	100		
120	17.9	8.5	12.7#
236	29.6	22.4	33.6

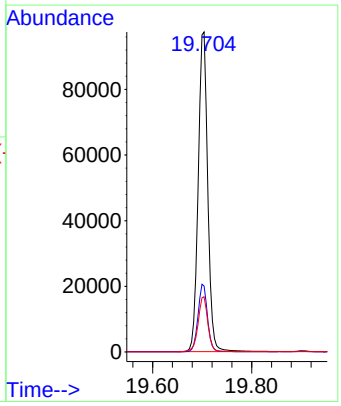


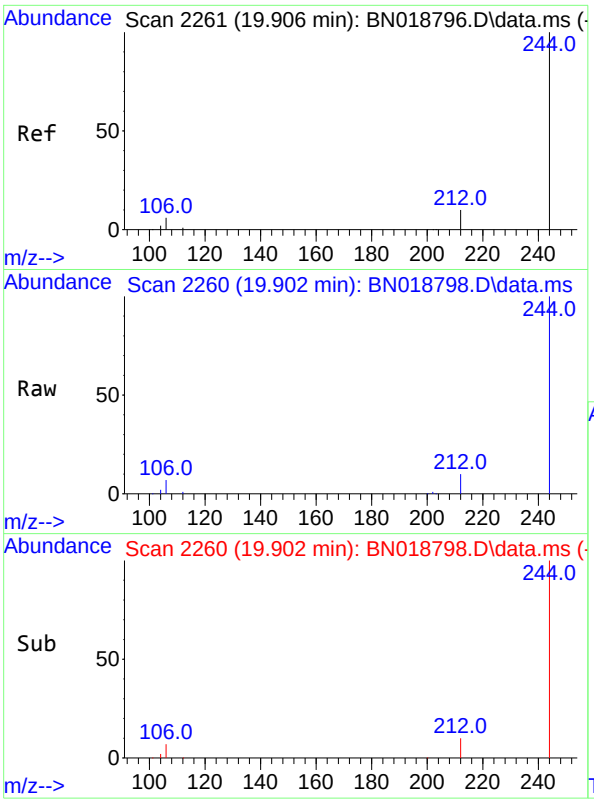


#30
Pyrene
Concen: 1.687 ng
RT: 19.704 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:202 Resp: 130612

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.2	21.2



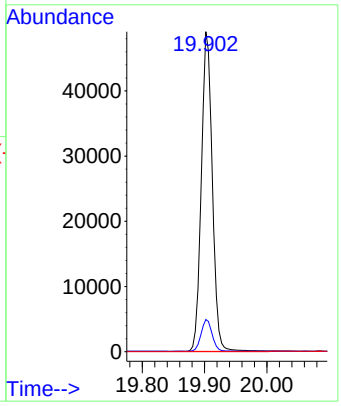


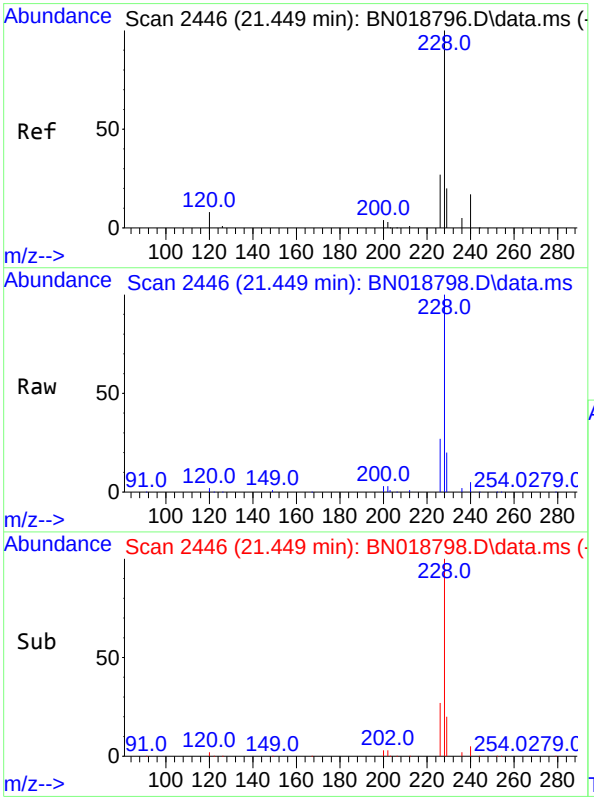
#31
Terphenyl-d14
Concen: 1.646 ng
RT: 19.902 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 61932

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.2	12.4
122	0.0	0.0	0.0

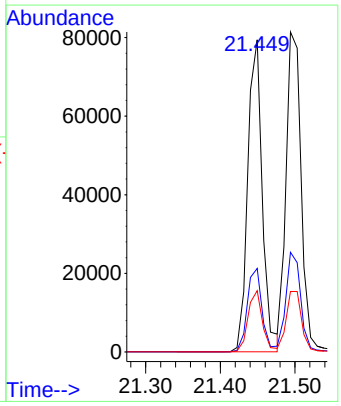


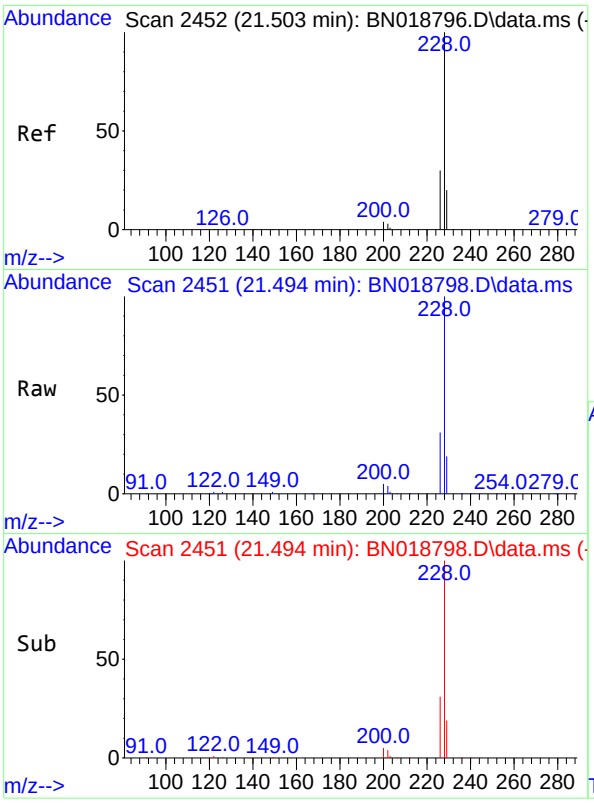


#32
Benzo(a)anthracene
Concen: 1.636 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:228 Resp: 107567

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.9	32.9
229	19.6	16.0	24.0



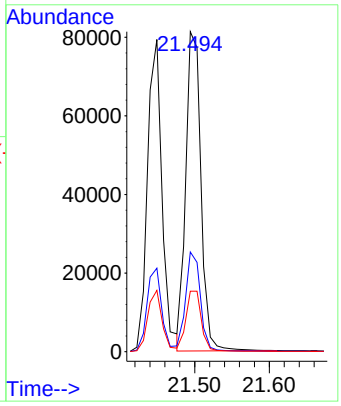


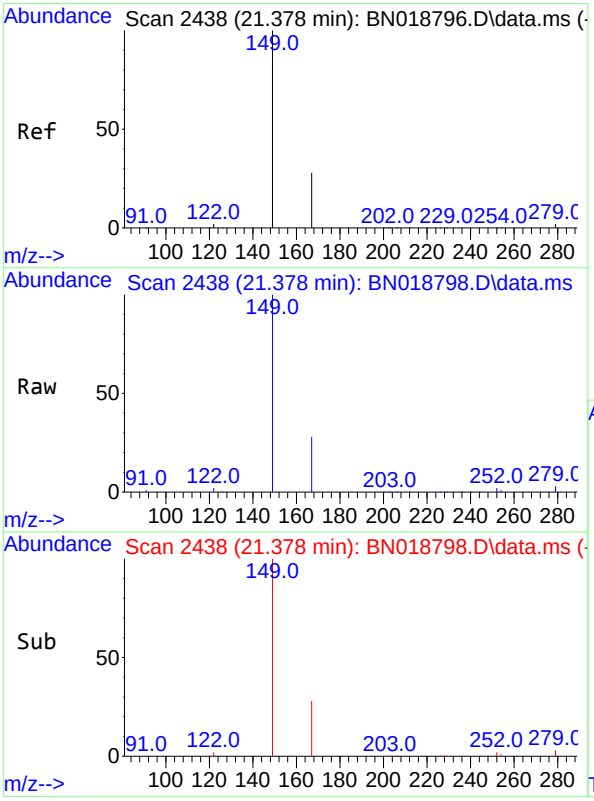
#33
Chrysene
Concen: 1.565 ng
RT: 21.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 114828

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	18.9	15.9	23.9

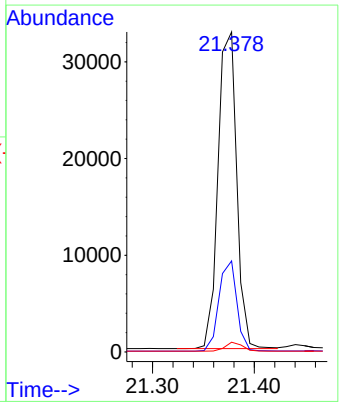


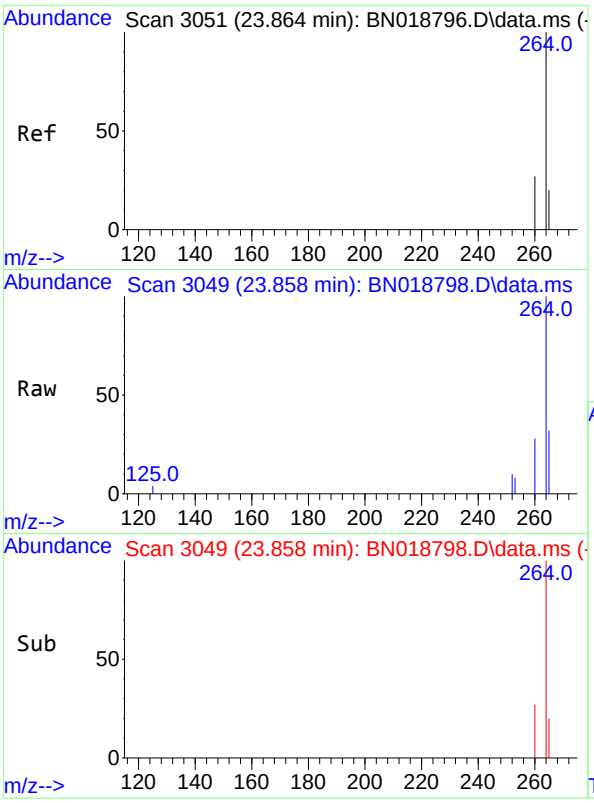


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.561 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:149 Resp: 41709

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.6	2.0	3.0



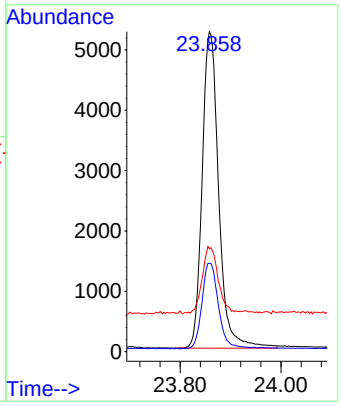


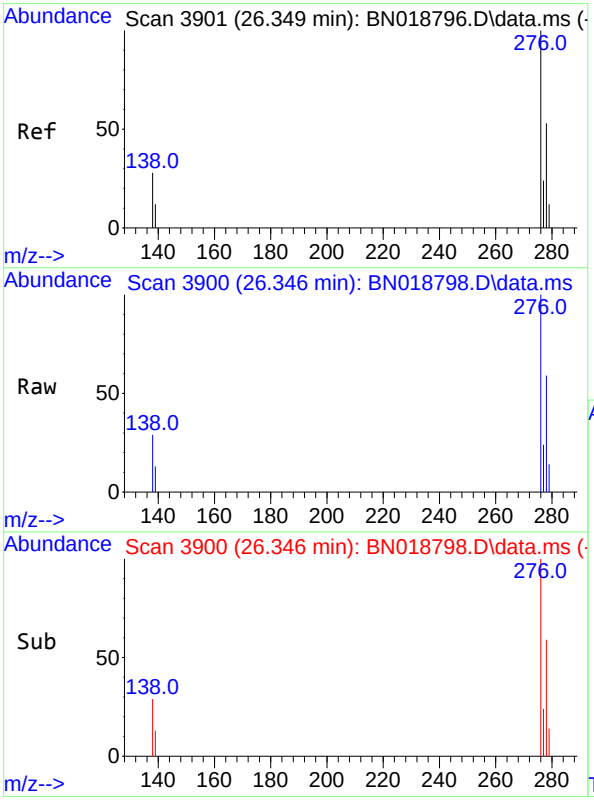
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.858 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 11931

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.4	33.6
265	32.2	25.3	37.9

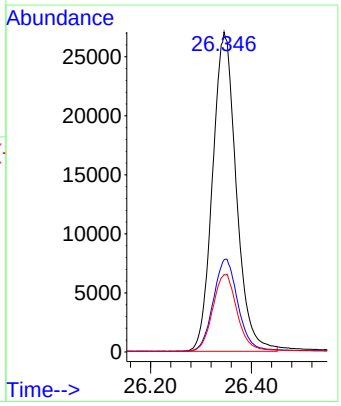


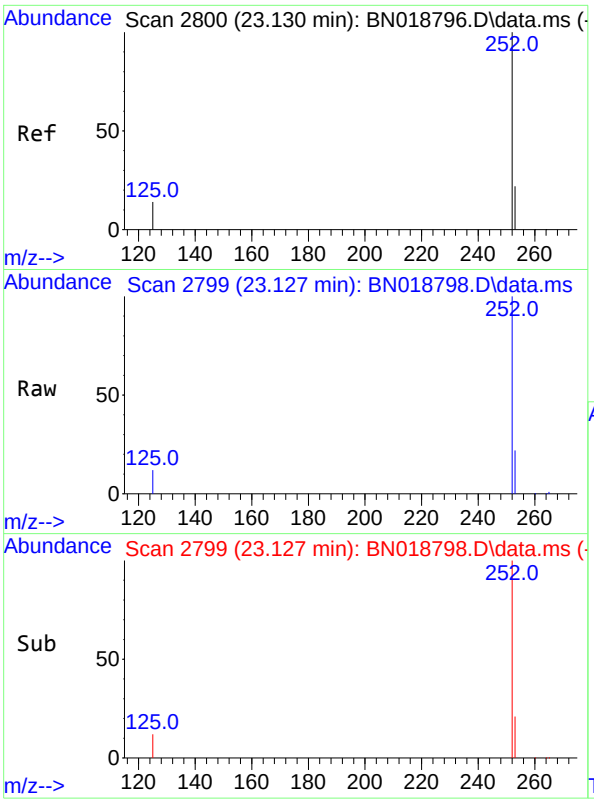


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.399 ng
RT: 26.346 min Scan# 3900
Delta R.T. -0.003 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:276 Resp: 88112

Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.5	36.7
277	24.8	19.8	29.8



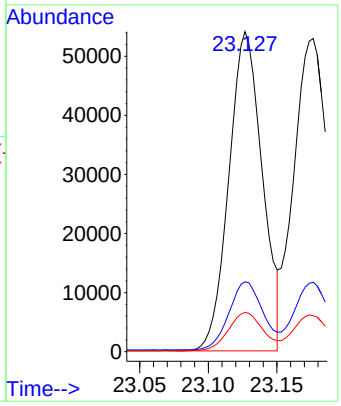


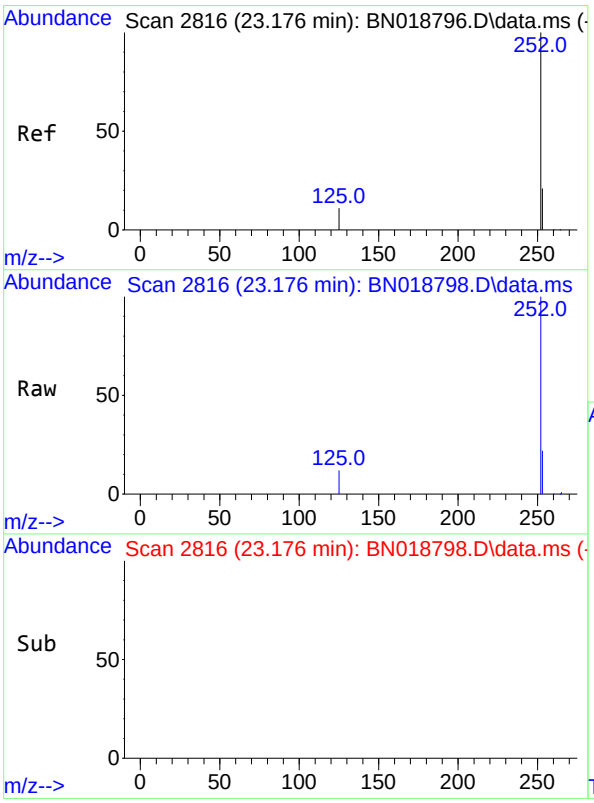
#37
Benzo(b)fluoranthene
Concen: 1.689 ng
RT: 23.127 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 91527

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	12.3	12.1	18.1

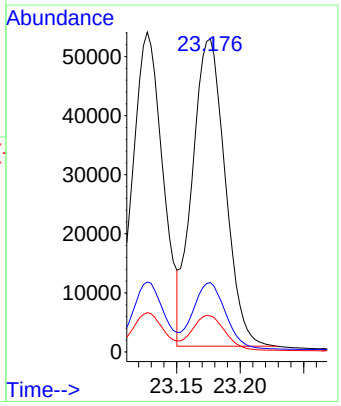


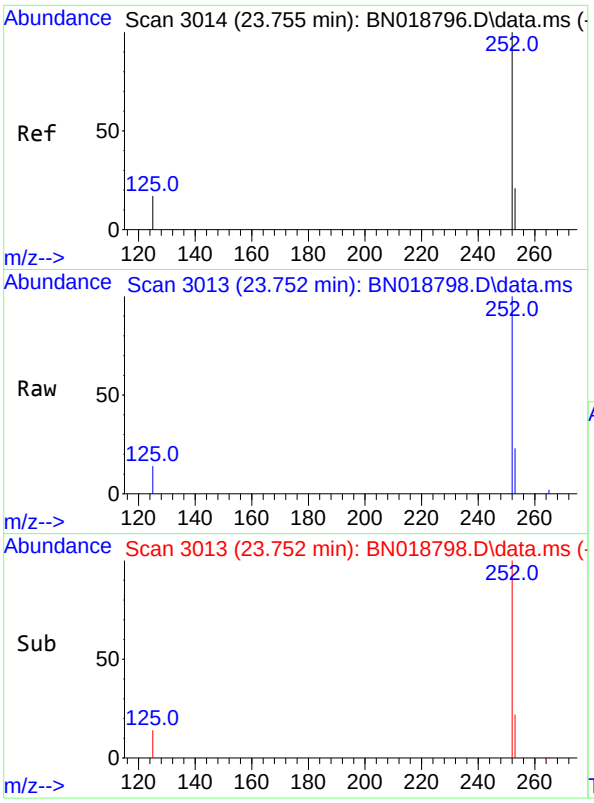


#38
Benzo(k)fluoranthene
Concen: 1.742 ng
RT: 23.176 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:252 Resp: 93590

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	11.5	10.3	15.5



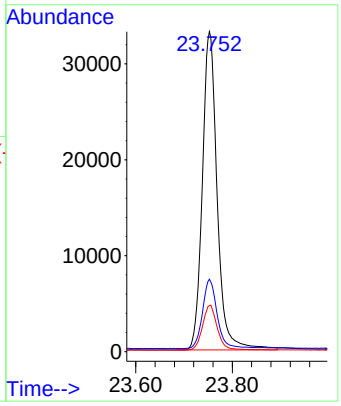


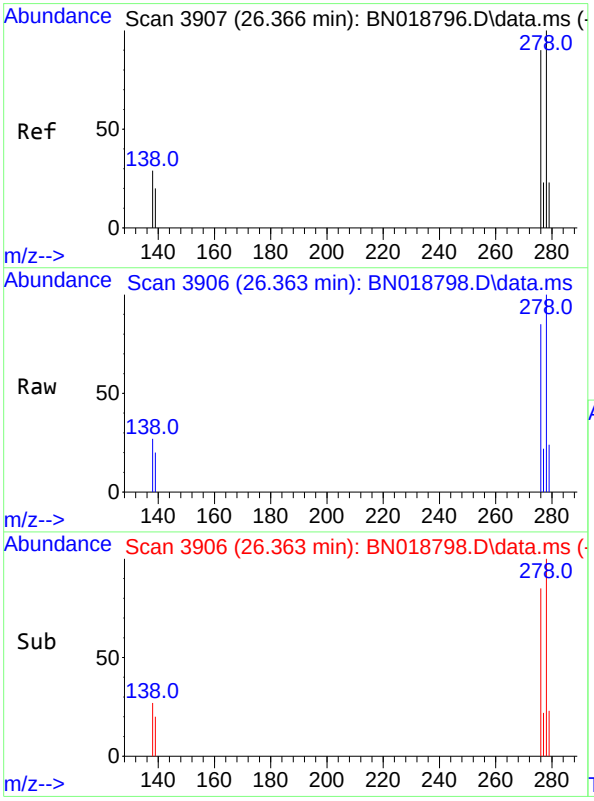
#39
Benzo(a)pyrene
Concen: 1.639 ng
RT: 23.752 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 70852

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.1	30.1
125	14.4	15.2	22.8#

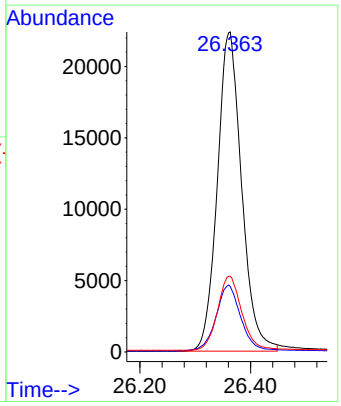


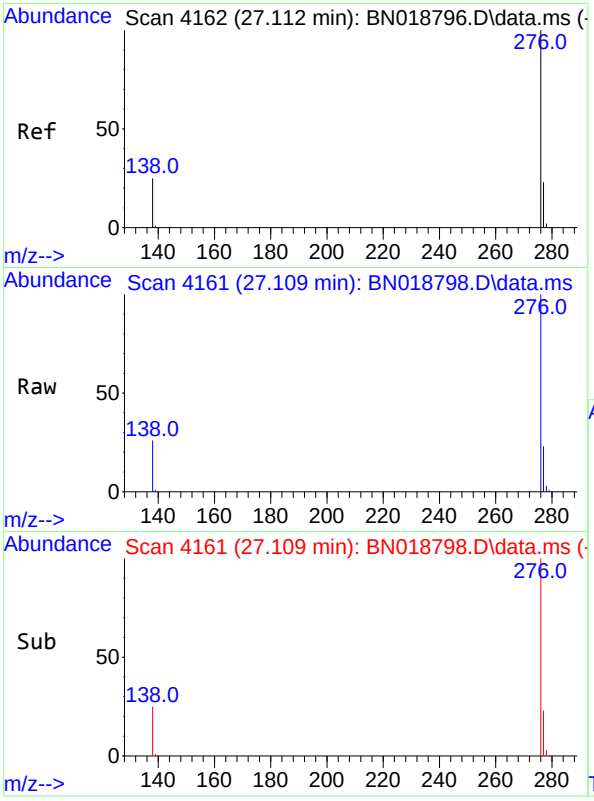


#40
Dibenzo(a,h)anthracene
Concen: 1.388 ng
RT: 26.363 min Scan# 3906
Delta R.T. -0.003 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Tgt Ion:278 Resp: 68190

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.2	25.8
279	23.6	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 1.328 ng
RT: 27.109 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018798.D
Acq: 02 Mar 2022 19:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 71566

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	25.7	21.0	31.6