Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019762.D
Acq On : 13 May 2022 00:24
Operator : CG/JU
Sample : SP5907
Misc : 8270 SIM SURROGATE
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP5907

Quant Time: May 13 03:49:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4189	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12416	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	7022	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16702	0.400	ng	0.00
29) Chrysene-d12	21.395	240	11868	0.400	ng	0.00
35) Perylene-d12	23.738	264	9352	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	4502	0.430	ng	0.00
5) Phenol-d6	7.017	99	5144	0.392	ng	0.00
8) Nitrobenzene-d5	9.003	82	3217	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.231	152	8269	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	822	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11537	0.376	ng	0.00
27) Fluoranthene-d10	19.244	212	17872	0.377	ng	0.00
31) Terphenyl-d14	19.843	244	12067	0.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	11	0.002	ng	# 14
3) n-Nitrosodimethylamine	3.651	42	104	0.019	ng	# 2
6) bis(2-Chloroethyl)ether	7.284	93	7	0.001	ng	# 1
9) Naphthalene	10.690	128	35	0.001	ng	# 1
10) Hexachlorobutadiene	11.000	225	3	0.000	ng	# 18
16) Acenaphthylene	14.196	152	35	0.001	ng	# 82
17) Acenaphthene	14.538	154	33	0.001	ng	# 64
18) Fluorene	15.532	166	41	0.001	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.564	198	4	0.002	ng	# 1
21) 4-Bromophenyl-phenylether	16.415	248	7	0.001	ng	# 64
22) Hexachlorobenzene	16.549	284	20	0.002	ng	# 1
23) Atrazine	16.682	200	6	0.001	ng	# 7
24) Pentachlorophenol	16.867	266	12	0.003	ng	# 27
25) Phenanthrene	17.256	178	247	0.004	ng	# 70
26) Anthracene	17.349	178	64	0.001	ng	# 74
28) Fluoranthene	19.274	202	74	0.001	ng	# 83
30) Pyrene	19.636	202	73	0.001	ng	# 83
32) Benzo(a)anthracene	21.387	228	106	0.002	ng	# 24
33) Chrysene	21.440	228	85	0.002	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.324	149	159	0.009	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.150	276	29	0.001	ng	# 62
37) Benzo(b)fluoranthene	23.033	252	66	0.002	ng	# 1
38) Benzo(k)fluoranthene	23.083	252	21	0.000	ng	# 1
39) Benzo(a)pyrene	23.635	252	29	0.001	ng	# 1
40) Dibenzo(a,h)anthracene	26.161	278	25	0.001	ng	# 1
41) Benzo(g,h,i)perylene	26.878	276	4	0.000	ng	# 1

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

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Instrument :
BNA_N
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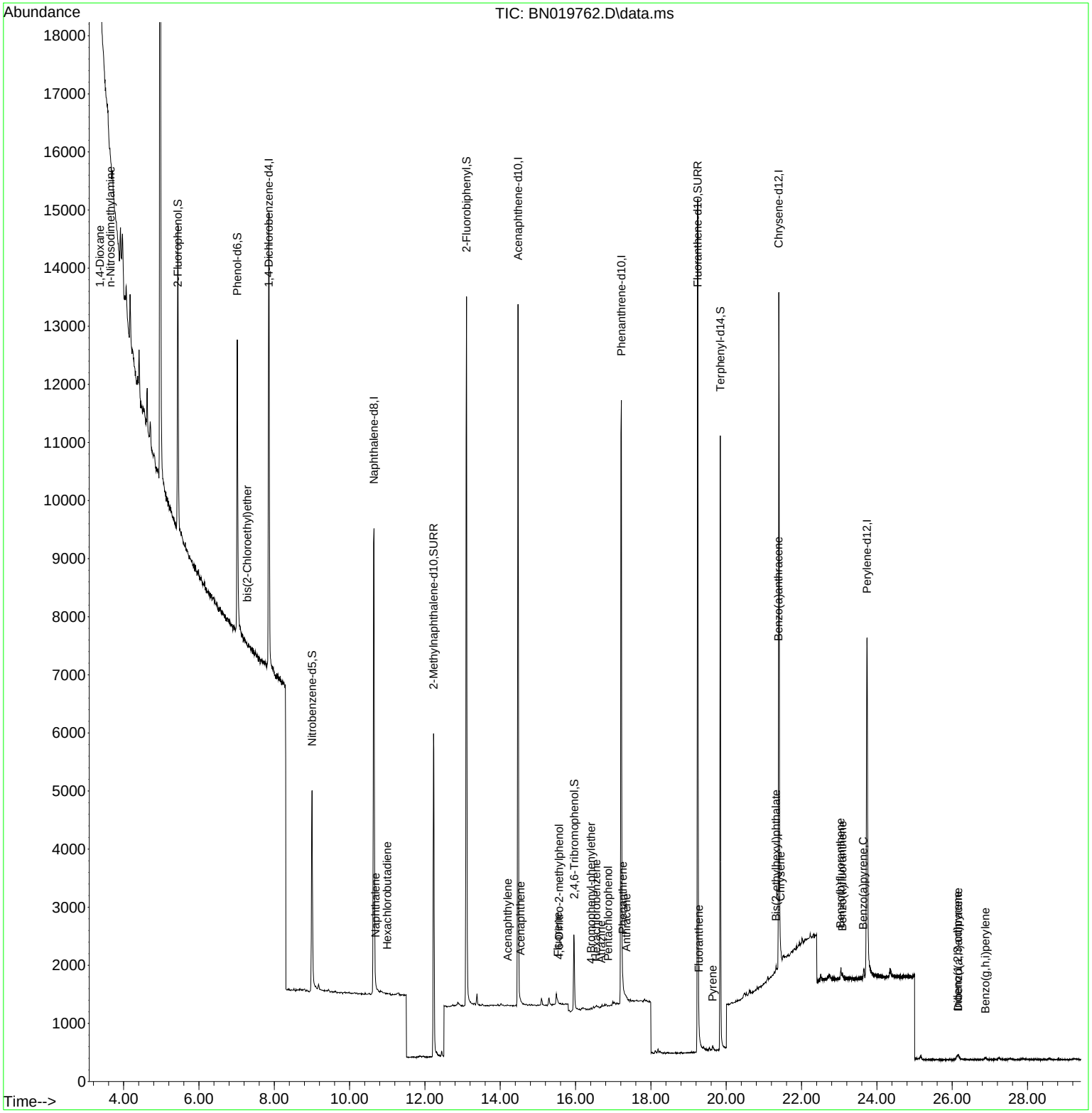
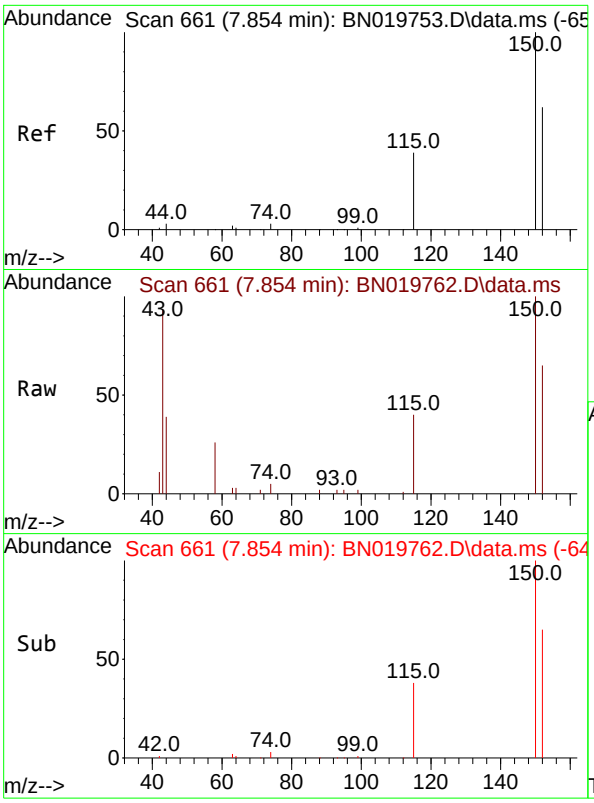
Quant Time: May 13 03:49:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration



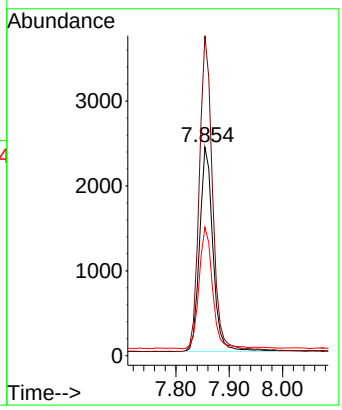


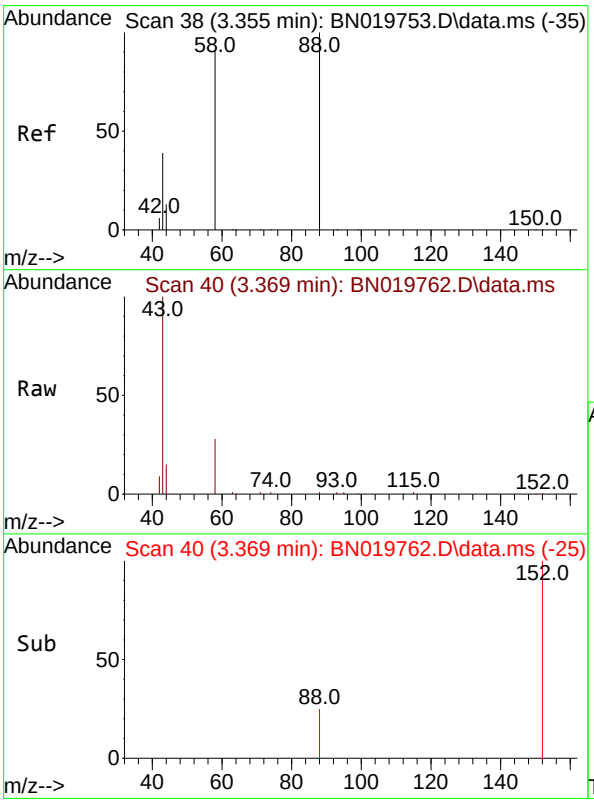
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:152 Resp: 4189

Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.9	191.9
115	61.6	51.4	77.2

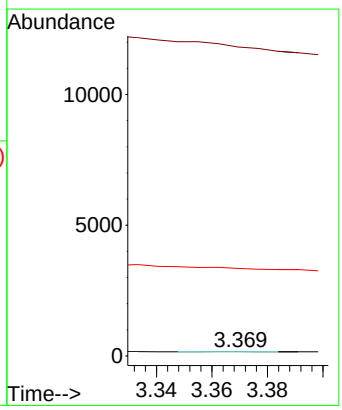


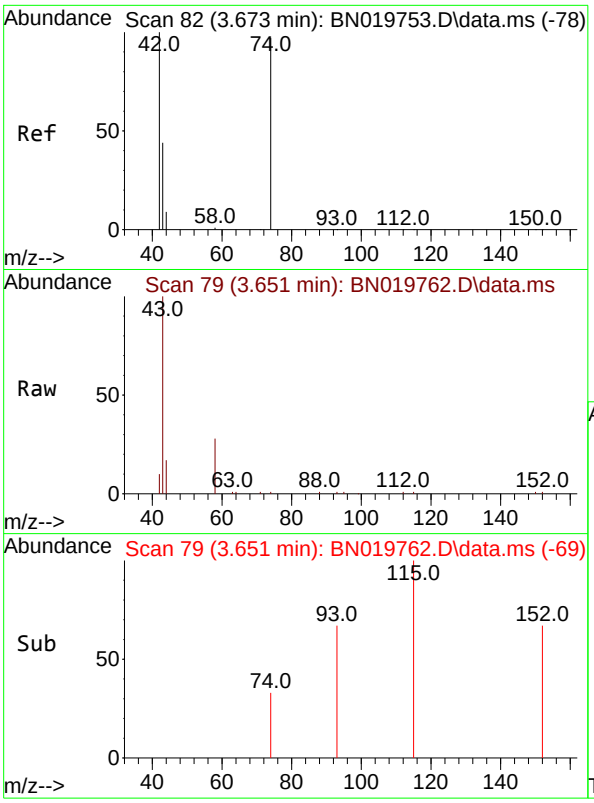


#2
1,4-Dioxane
Concen: 0.002 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.007 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion: 88 Resp: 11

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.2#
58	0.0	73.0	109.6#



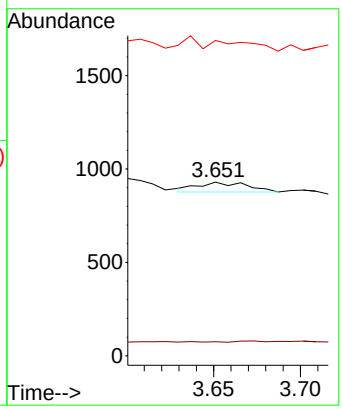


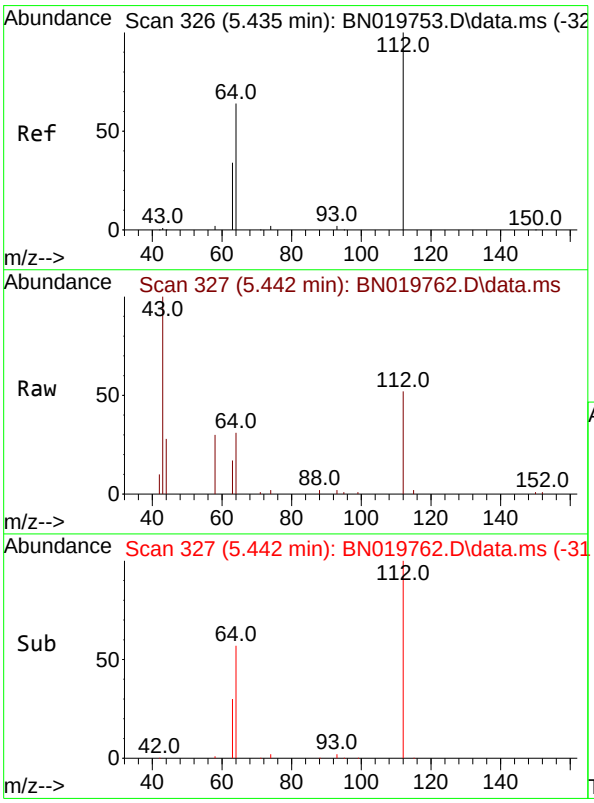
#3
n-Nitrosodimethylamine
Concen: 0.019 ng
RT: 3.651 min Scan# 7
Delta R.T. -0.029 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion: 42 Resp: 104

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.0	126.0#
44	36.5	9.8	14.8#

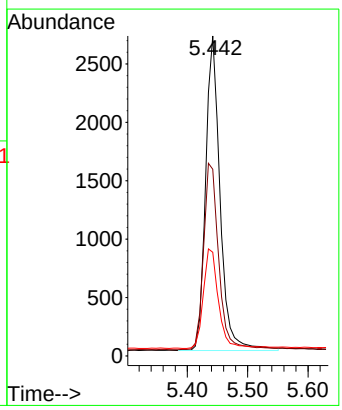


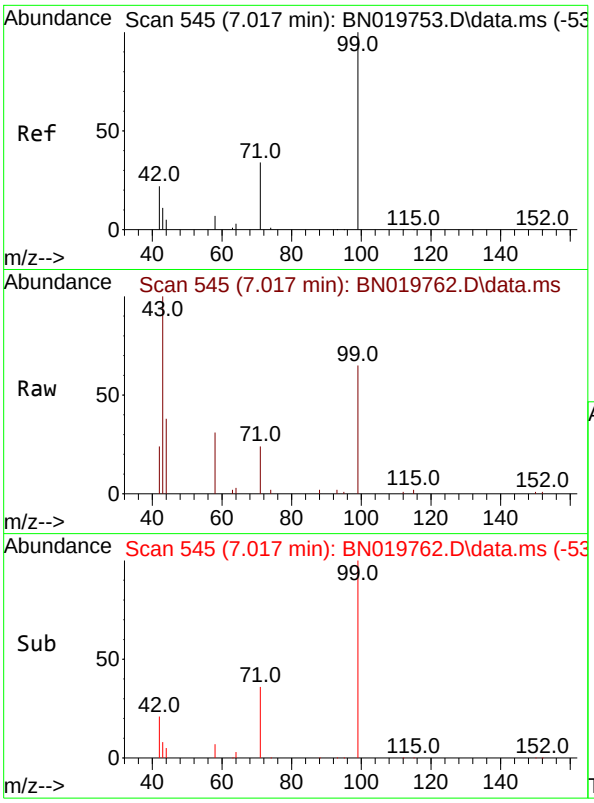


#4
2-Fluorophenol
Concen: 0.430 ng
RT: 5.442 min Scan# 327
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:112 Resp: 4502

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.1	73.7
63	33.3	26.3	39.5



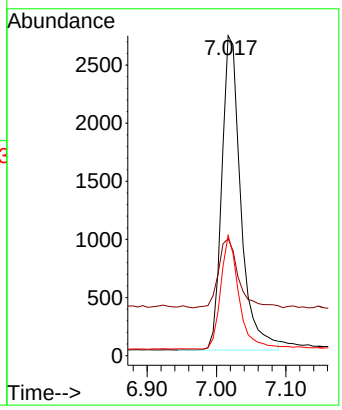


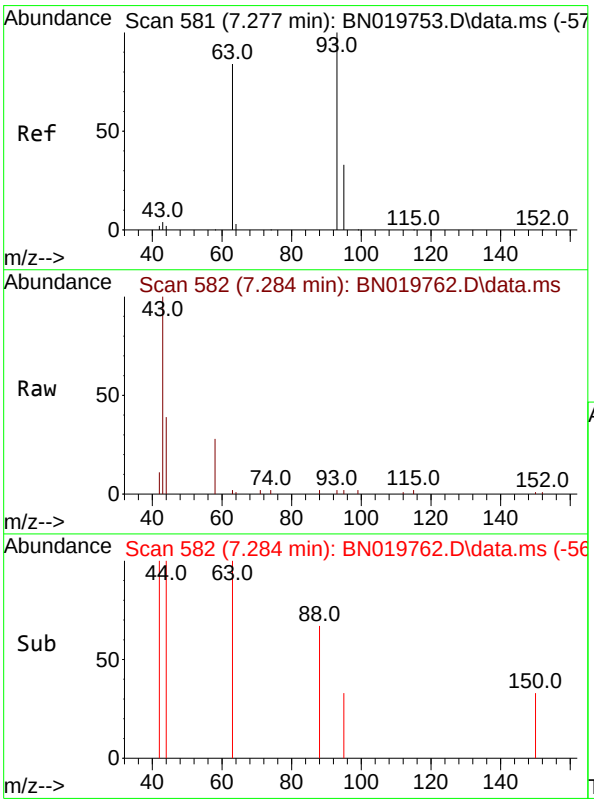
#5
Phenol-d6
Concen: 0.392 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion: 99 Resp: 5144

Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.3	28.9
71	34.2	27.5	41.3

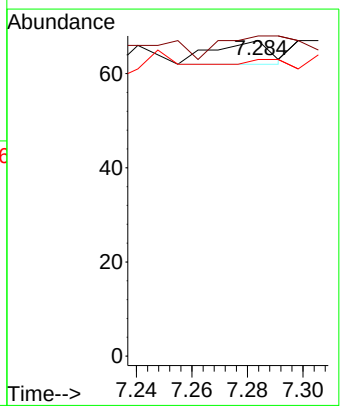


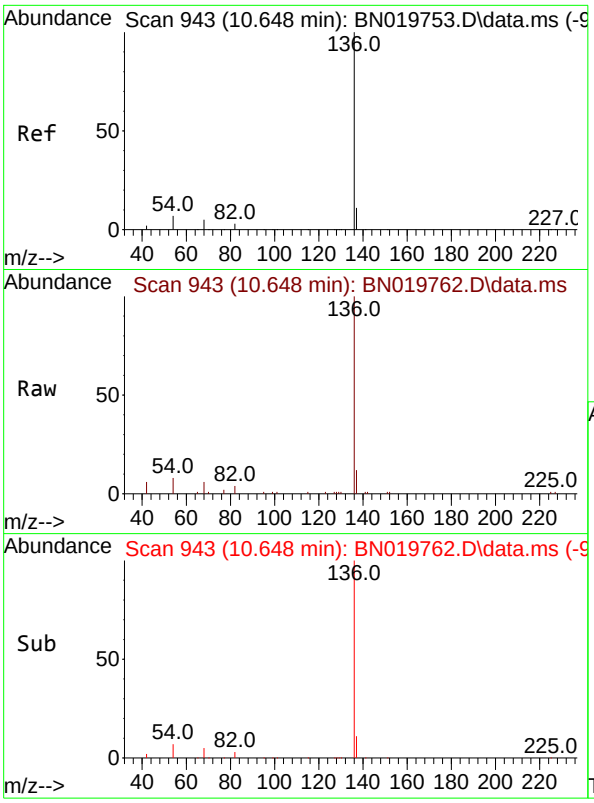


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.284 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion: 93 Resp: 7

Ion	Ratio	Lower	Upper
93	100		
63	200.0	67.4	101.0#
95	0.0	26.5	39.7#



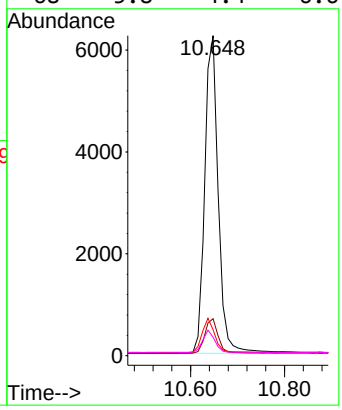


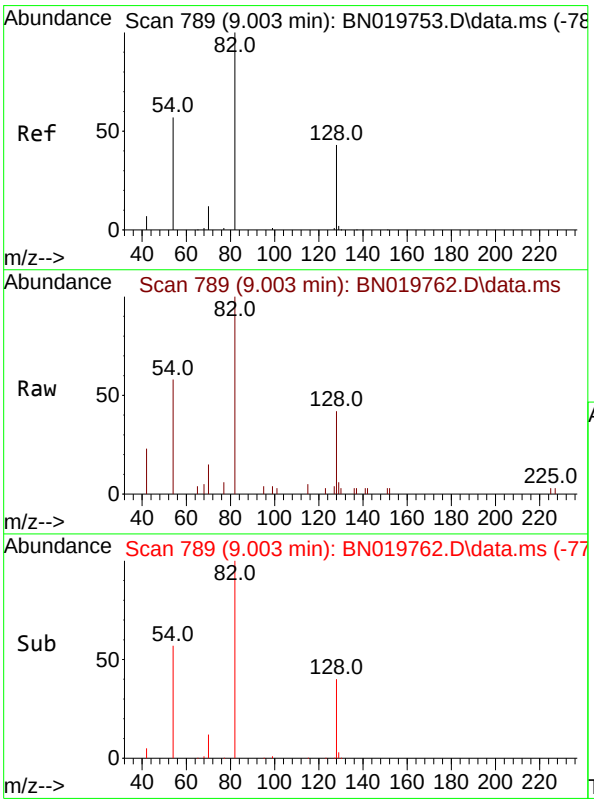
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:136 Resp: 12416

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.1	6.2	9.2
68	5.8	4.4	6.6

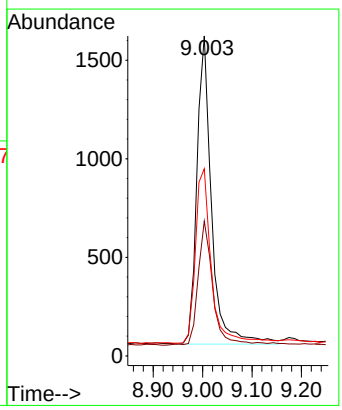


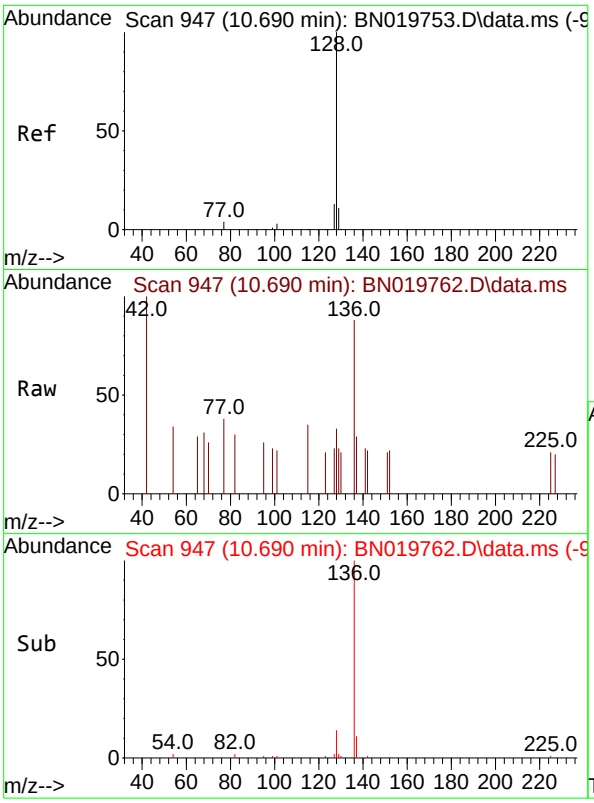


#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion: 82 Resp: 3217

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.0	52.6
54	58.5	46.2	69.4



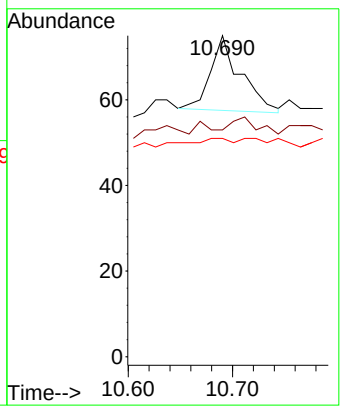


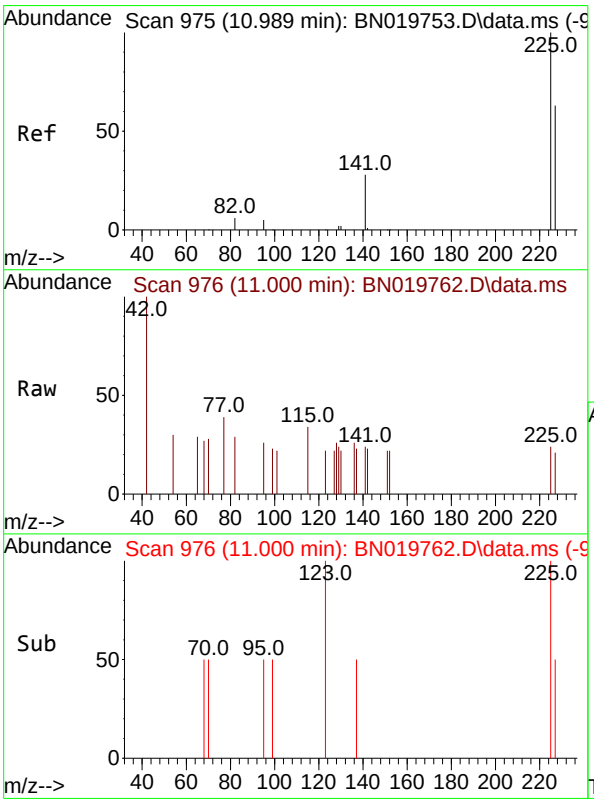
#9
Naphthalene
Concen: 0.001 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:128 Resp: 35

Ion	Ratio	Lower	Upper
128	100		
129	70.7	8.9	13.3#
127	68.0	10.8	16.2#

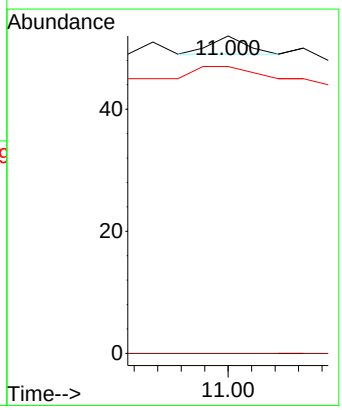


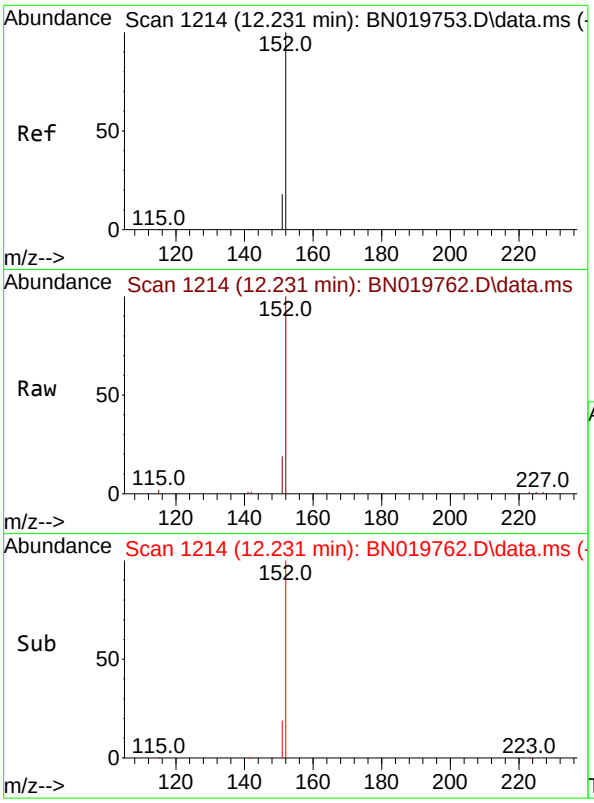


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	50.9	76.3#



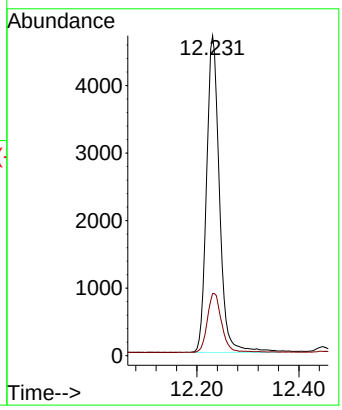


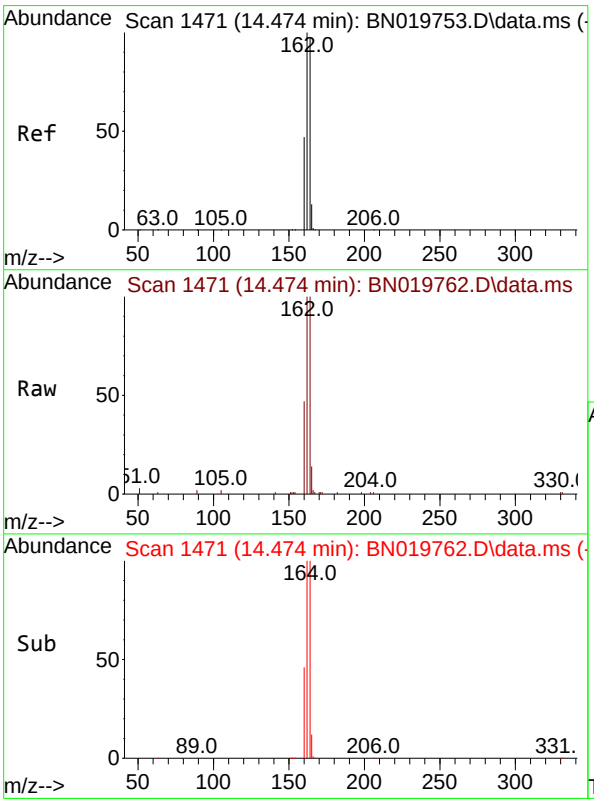
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:152 Resp: 8269

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

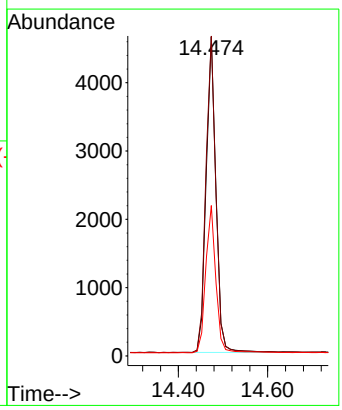


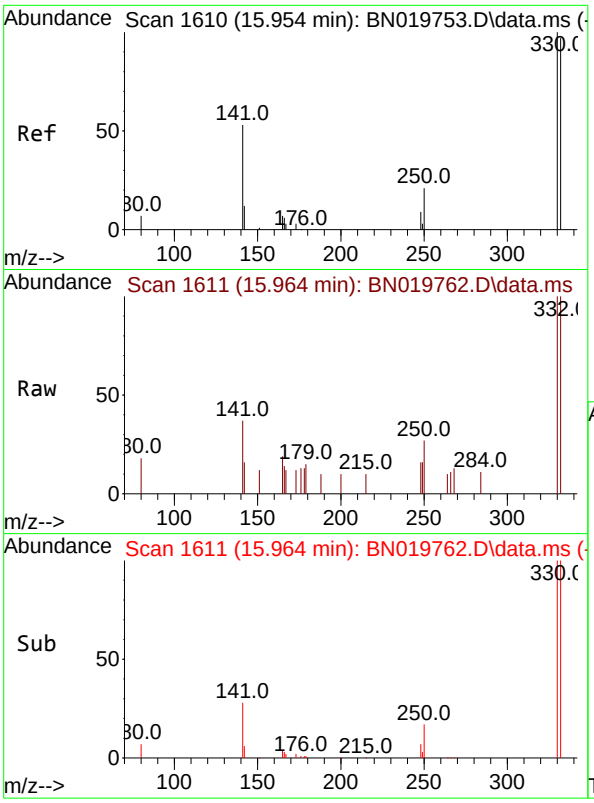


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:164 Resp: 7022

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.1	123.1
160	47.1	38.6	58.0



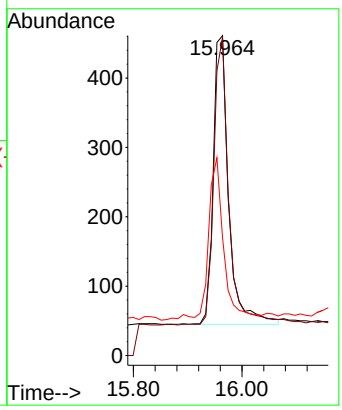


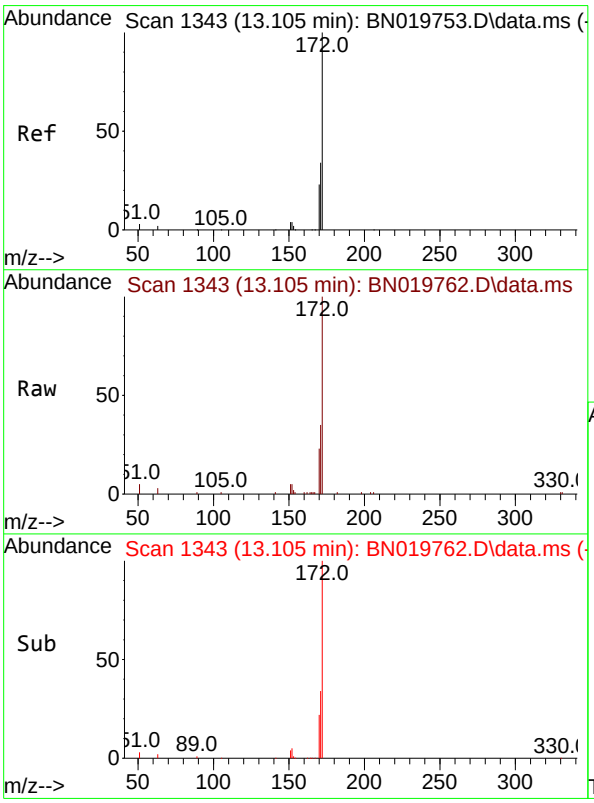
#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:330 Resp: 822

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	53.3	41.0	61.4

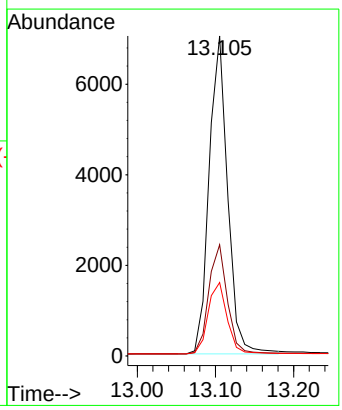


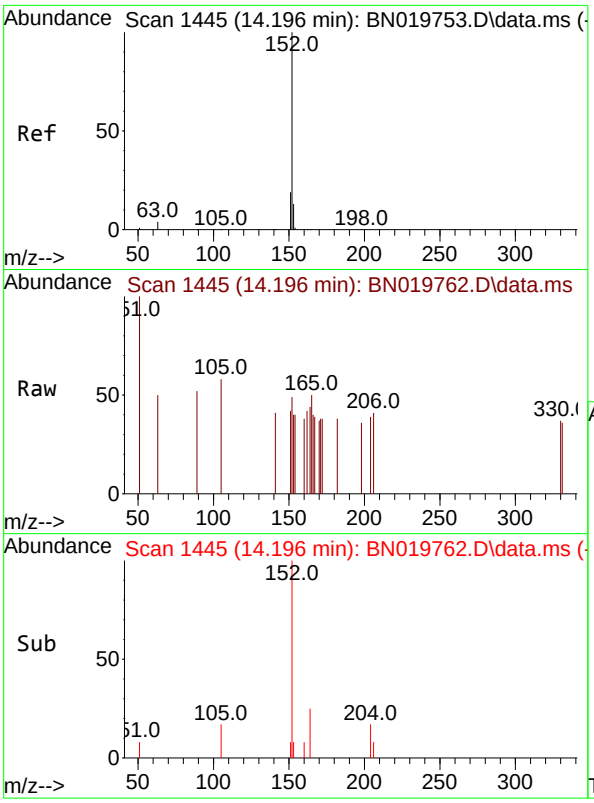


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:172 Resp: 11537

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.2	40.8
170	23.0	18.2	27.4



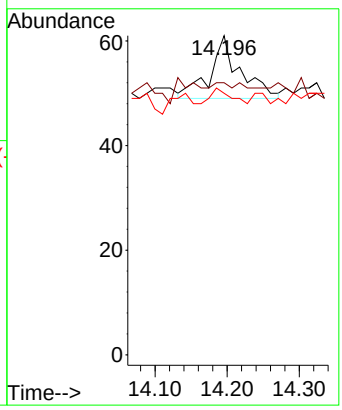


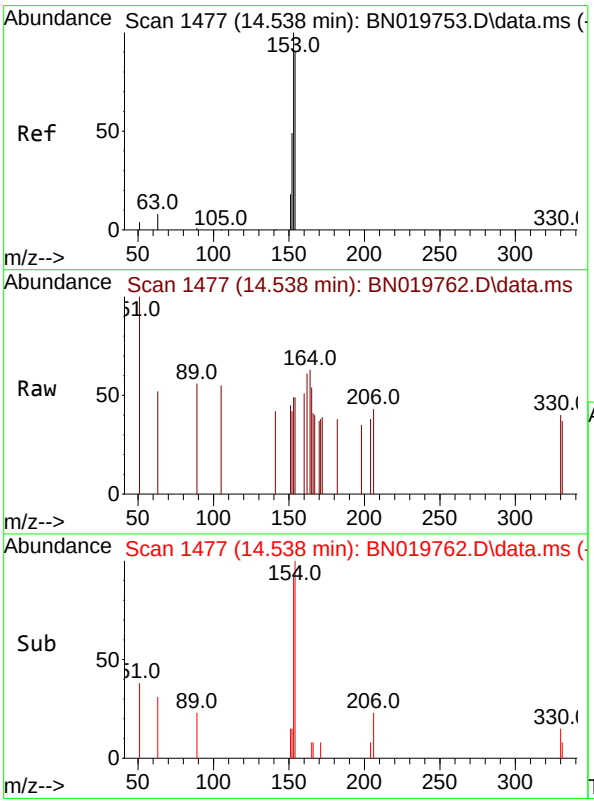
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.196 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:152 Resp: 35

Ion	Ratio	Lower	Upper
152	100		
151	11.4	16.2	24.4#
153	20.0	10.7	16.1#

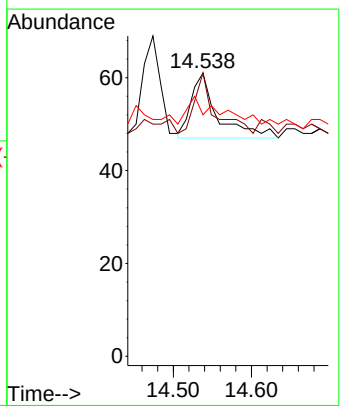


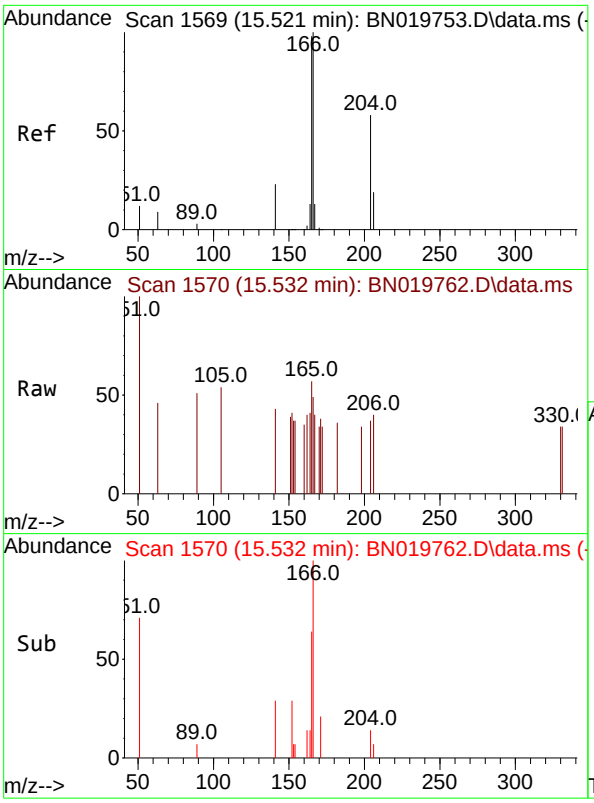


#17
Acenaphthene
Concen: 0.001 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:154 Resp: 33

Ion	Ratio	Lower	Upper
154	100		
153	69.7	87.5	131.3#
152	78.8	43.8	65.6#



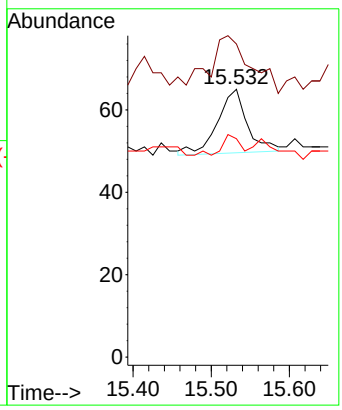


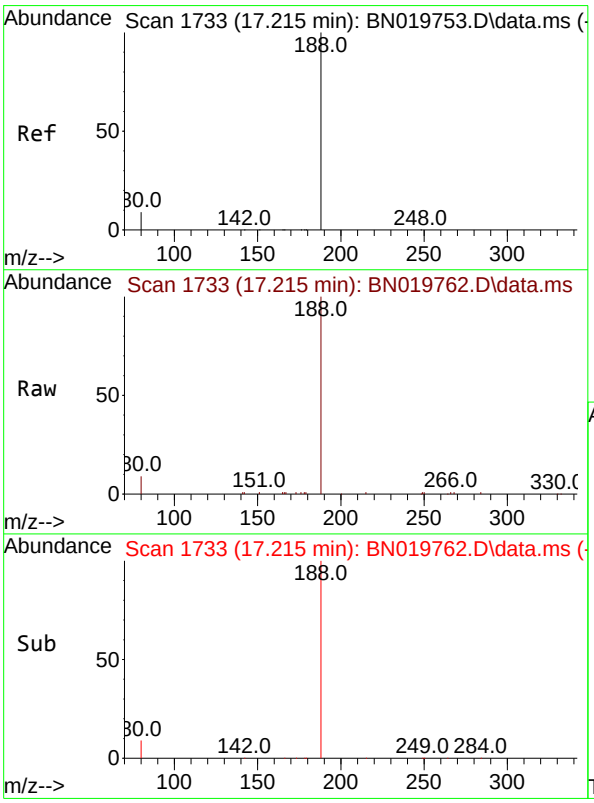
#18
Fluorene
Concen: 0.001 ng
RT: 15.532 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:166 Resp: 41

Ion	Ratio	Lower	Upper
166	100		
165	124.4	78.6	118.0#
167	19.5	10.8	16.2#

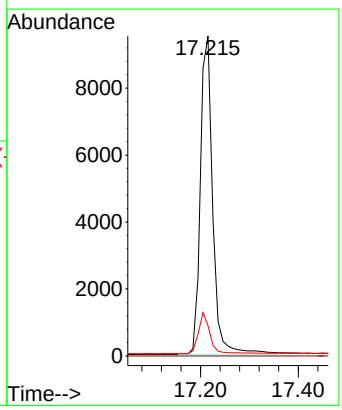


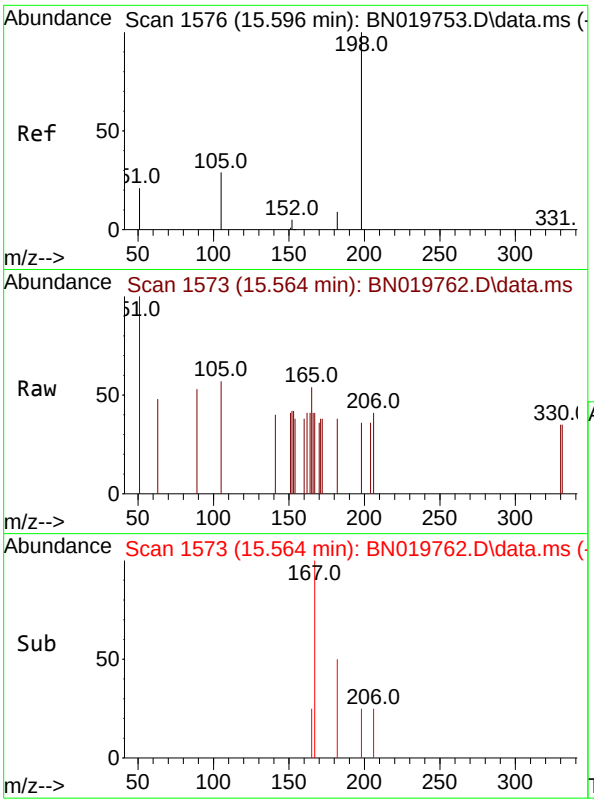


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:188 Resp: 16702

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.2



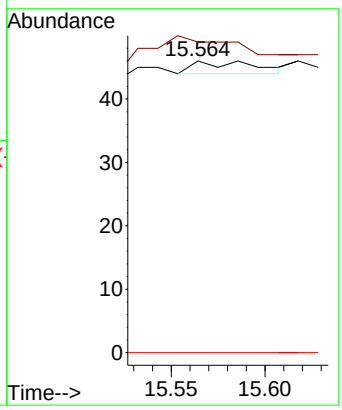


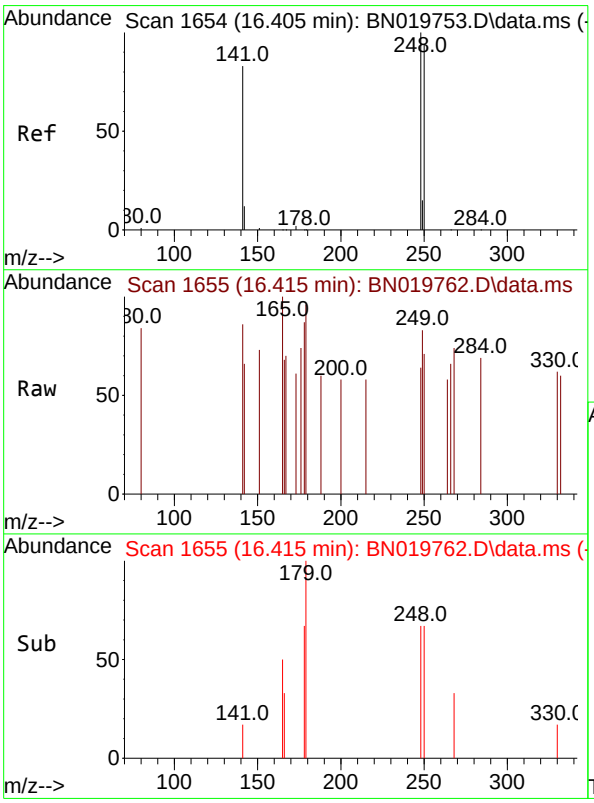
#20
4,6-Dinitro-2-methylphenol
Concen: 0.002 ng
RT: 15.564 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
182	106.5	12.1	18.1#
77	0.0	0.0	0.0

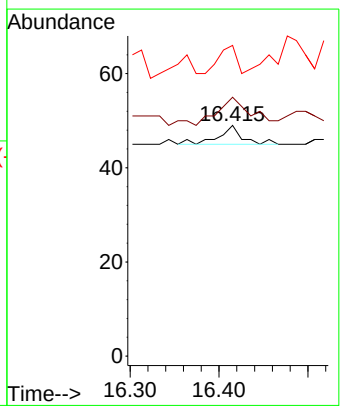


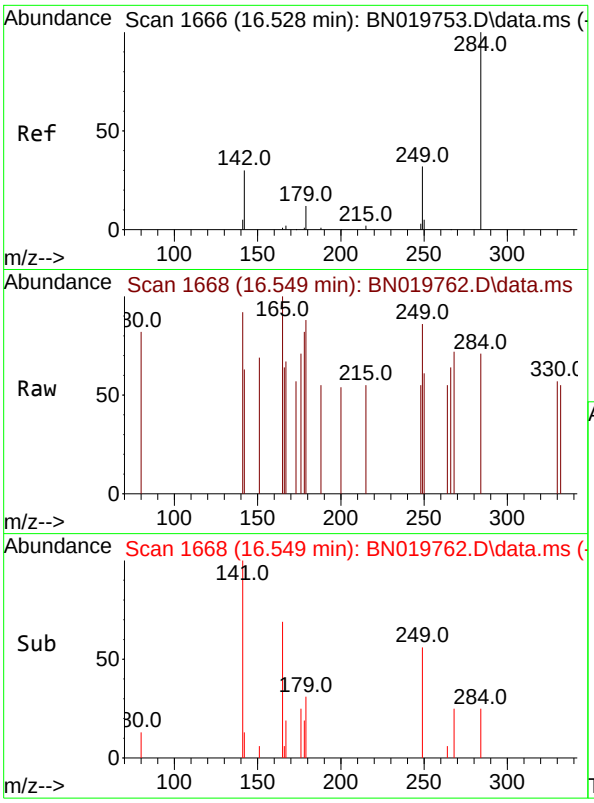


#21
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.415 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:248 Resp: 7

Ion	Ratio	Lower	Upper
248	100		
250	112.2	75.3	112.9
141	134.7	67.3	100.9#



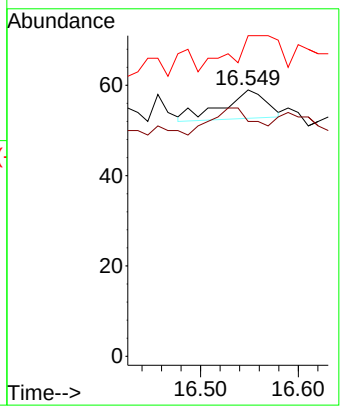


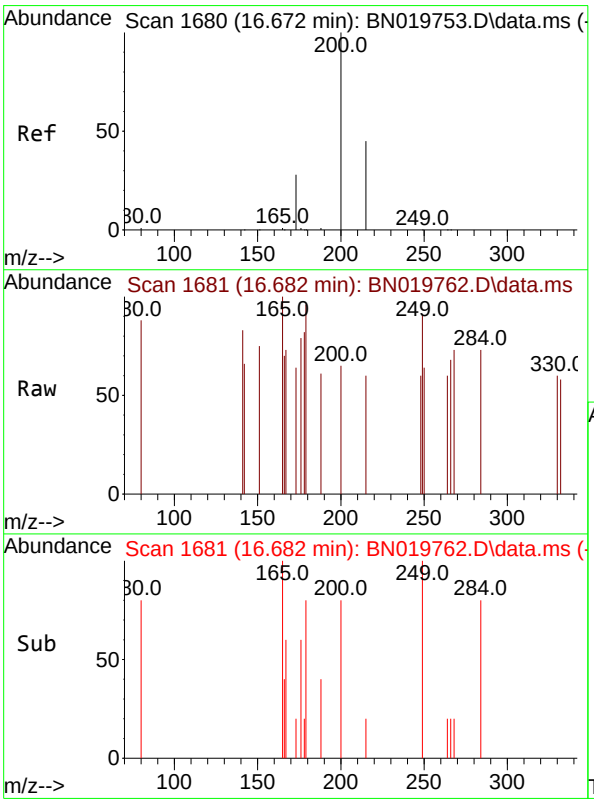
#22
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.549 min Scan# 1
Delta R.T. 0.020 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:284 Resp: 20

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.2	52.8#
249	135.0	26.6	40.0#

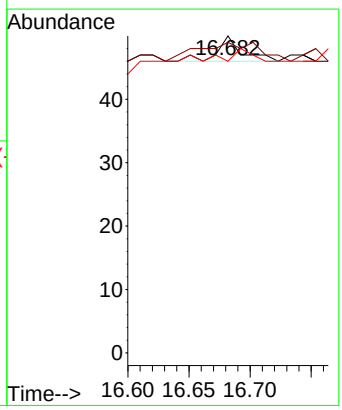


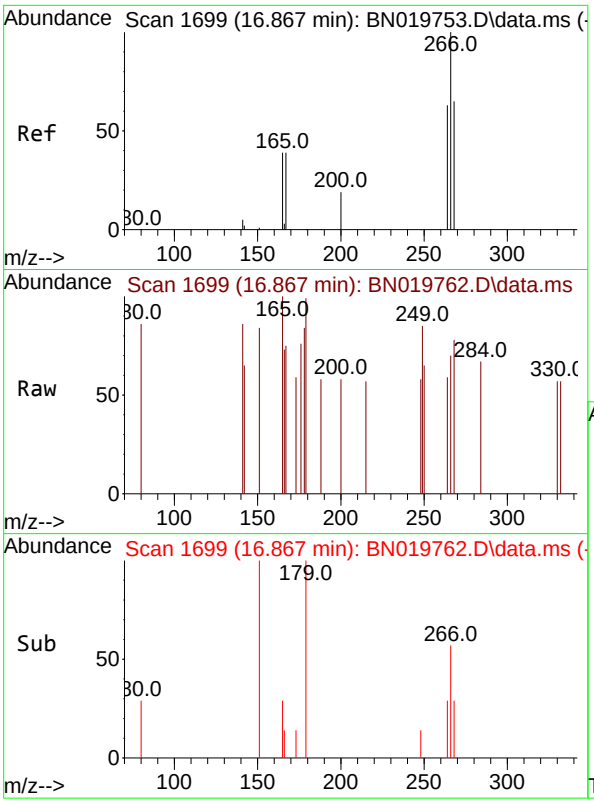


#23
Atrazine
Concen: 0.001 ng
RT: 16.682 min Scan# 1681
Delta R.T. 0.010 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:200 Resp: 6

Ion	Ratio	Lower	Upper
200	100		
173	98.0	23.6	35.4#
215	92.0	36.6	54.8#



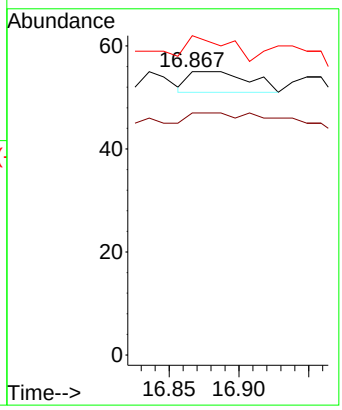


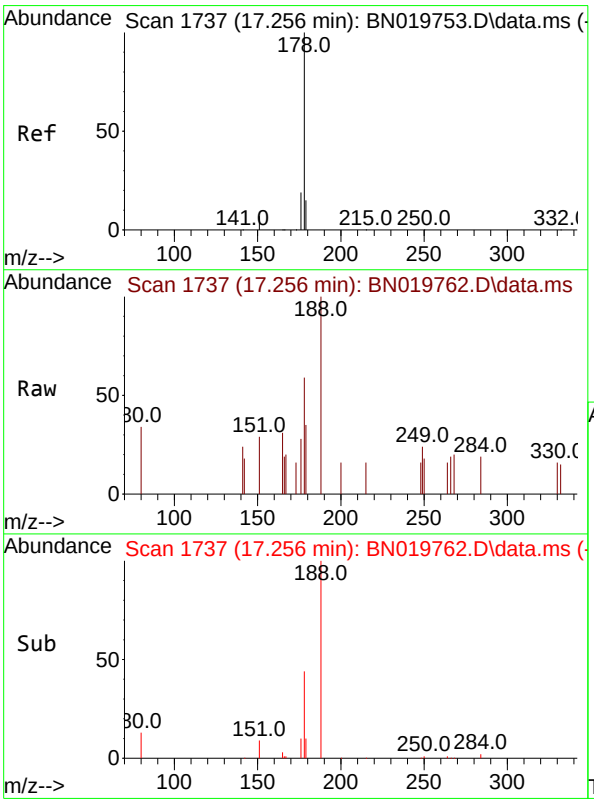
#24
Pentachlorophenol
Concen: 0.003 ng
RT: 16.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
264	58.3	51.3	76.9
268	175.0	52.6	79.0#

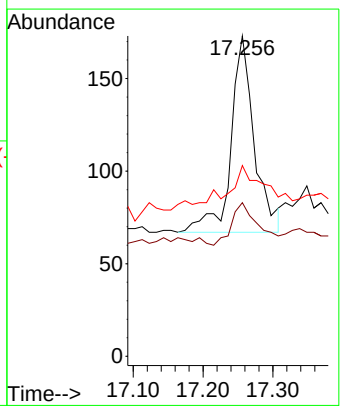


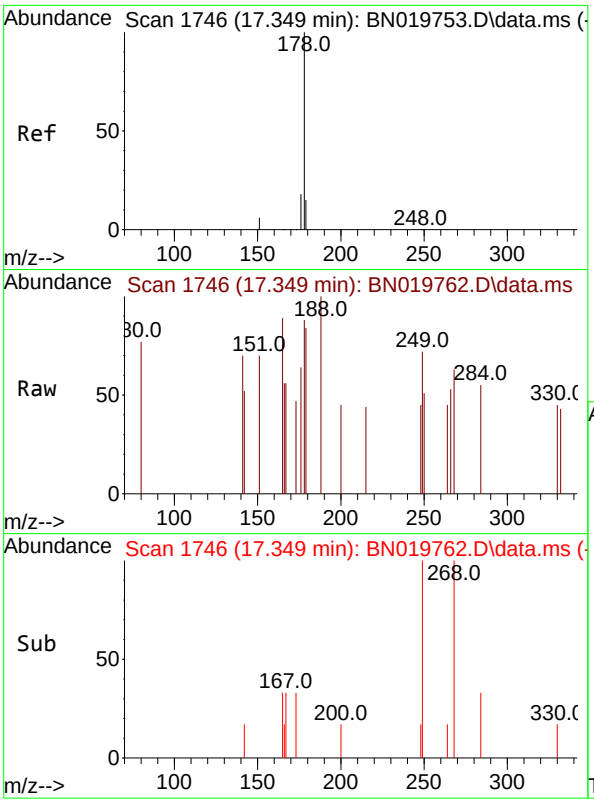


#25
Phenanthrene
Concen: 0.004 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:178 Resp: 247

Ion	Ratio	Lower	Upper
178	100		
176	24.3	15.3	22.9#
179	37.2	12.2	18.4#



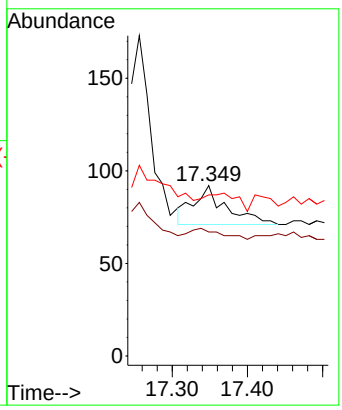


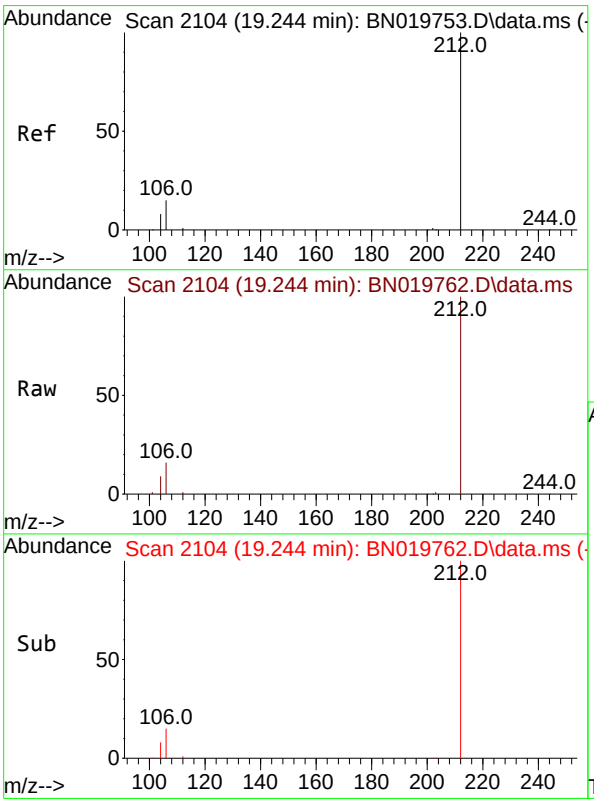
#26
Anthracene
Concen: 0.001 ng
RT: 17.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:178 Resp: 64

Ion	Ratio	Lower	Upper
178	100		
176	26.6	14.9	22.3#
179	0.0	12.2	18.4#

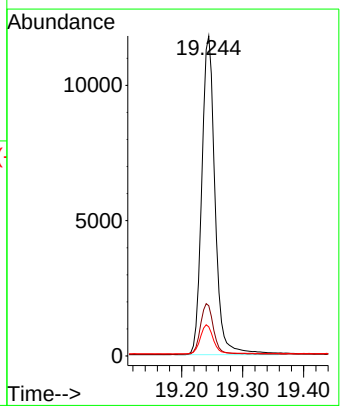


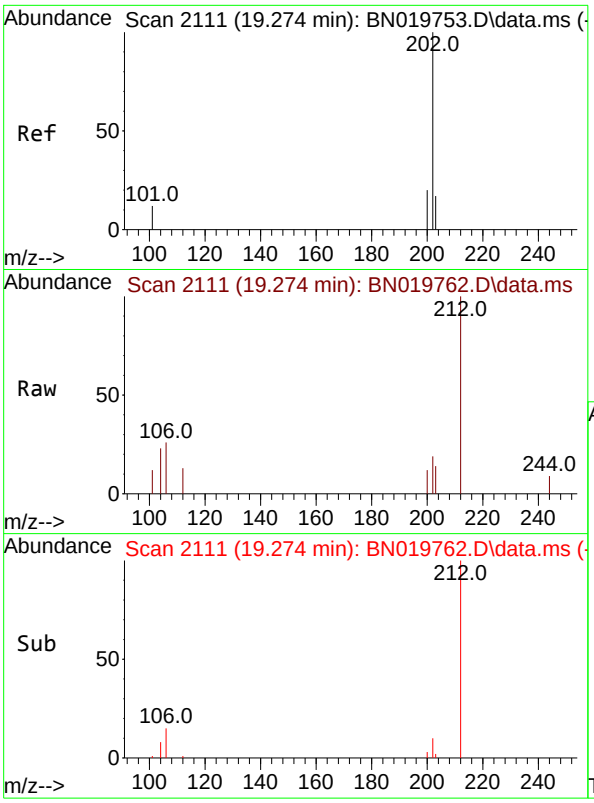


#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.244 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:212 Resp: 17872

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.8	7.2	10.8



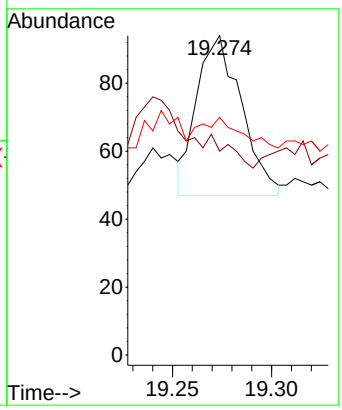


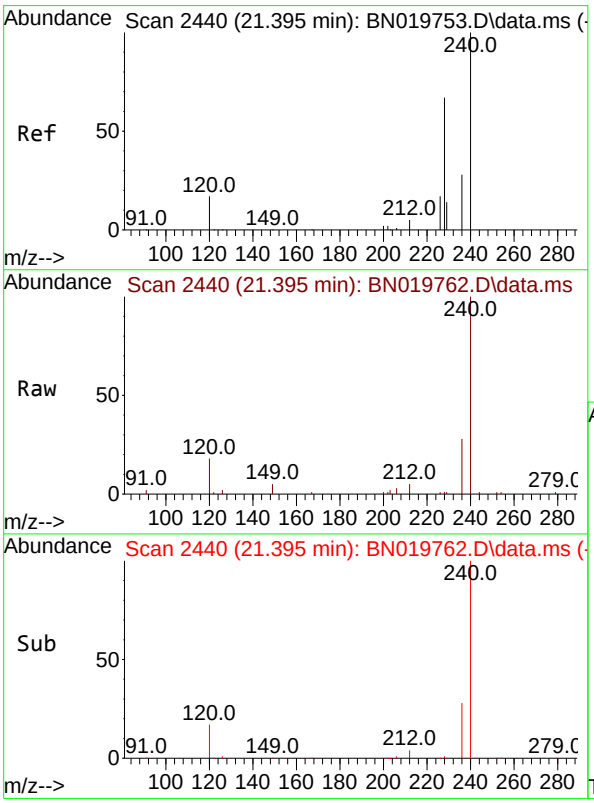
#28
Fluoranthene
Concen: 0.001 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:202 Resp: 74

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.6	14.4#
203	20.3	13.5	20.3

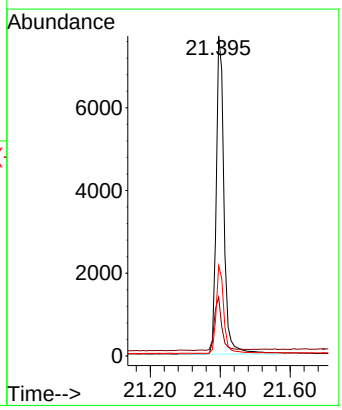


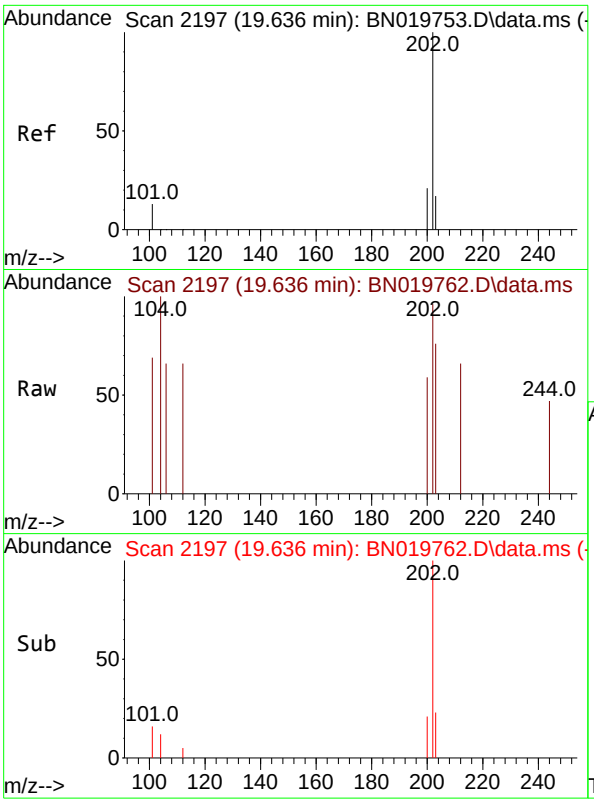


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:240 Resp: 11868

Ion	Ratio	Lower	Upper
240	100		
120	18.4	14.6	21.8
236	28.2	22.6	33.8



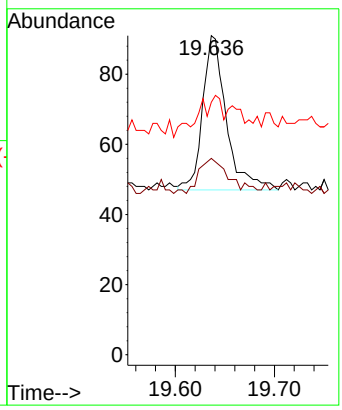


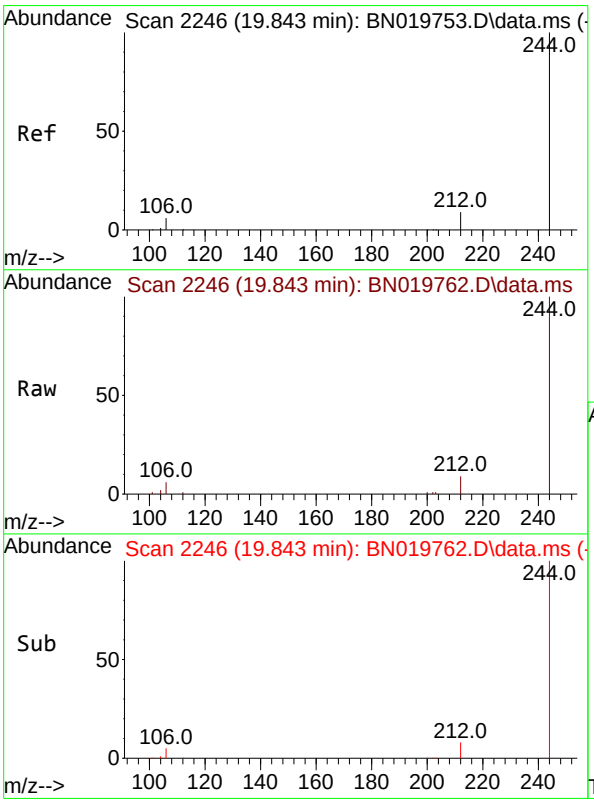
#30
Pyrene
Concen: 0.001 ng
RT: 19.636 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:202 Resp: 73

Ion	Ratio	Lower	Upper
202	100		
200	26.0	16.6	25.0#
203	6.8	14.2	21.2#

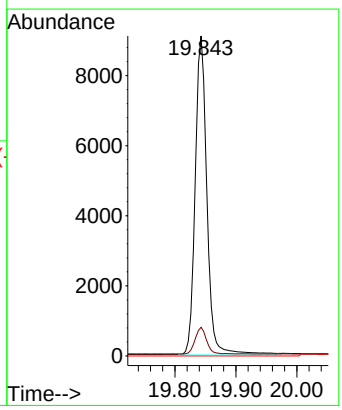


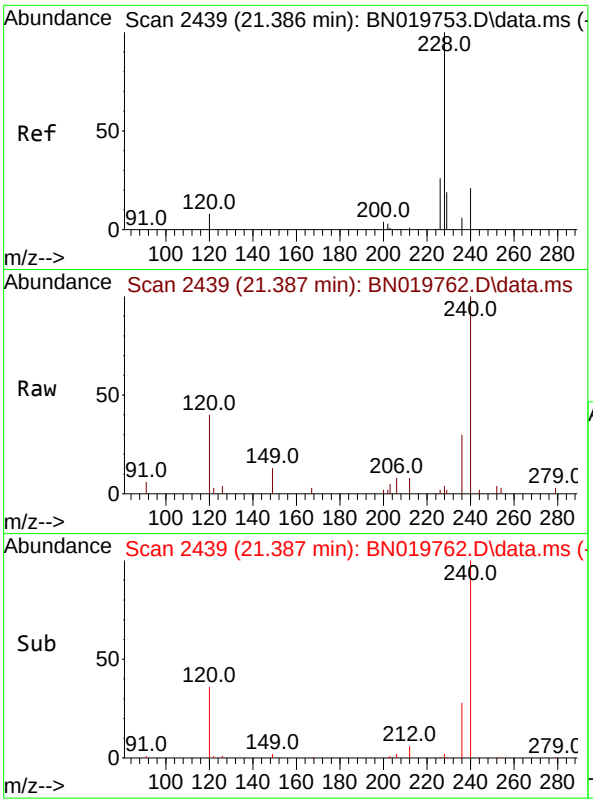


#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:244 Resp: 12067

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.1	10.7
122	0.0	0.0	0.0



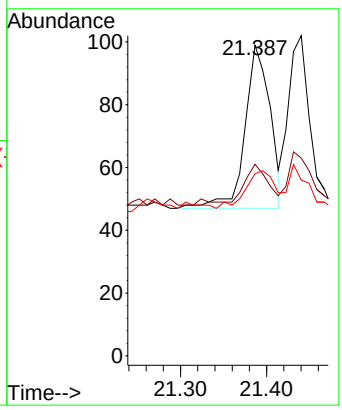


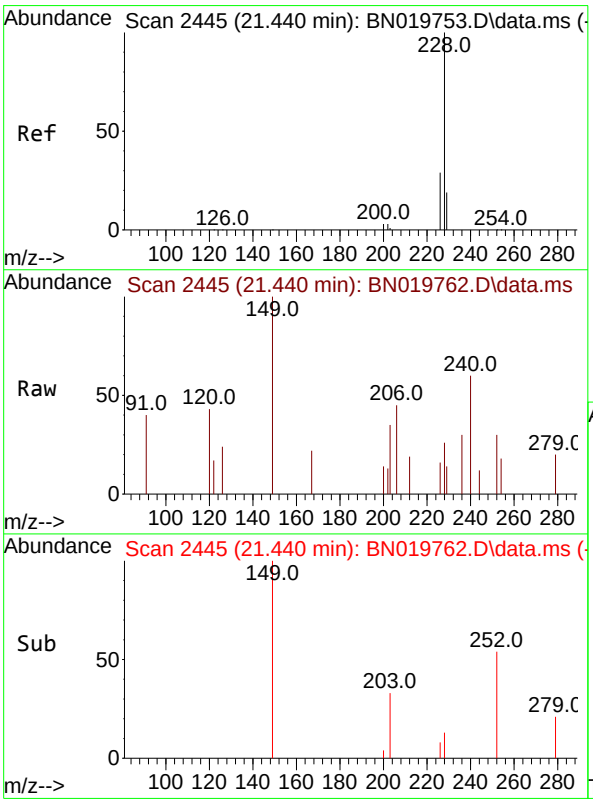
#32
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.387 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:228 Resp: 106

Ion	Ratio	Lower	Upper
228	100		
226	61.6	21.2	31.8#
229	58.6	15.6	23.4#

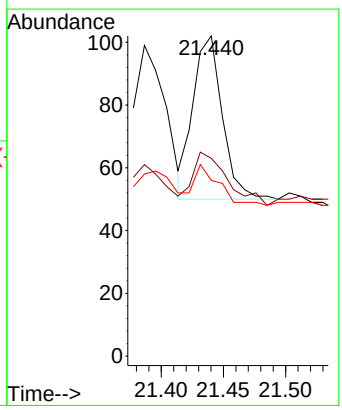


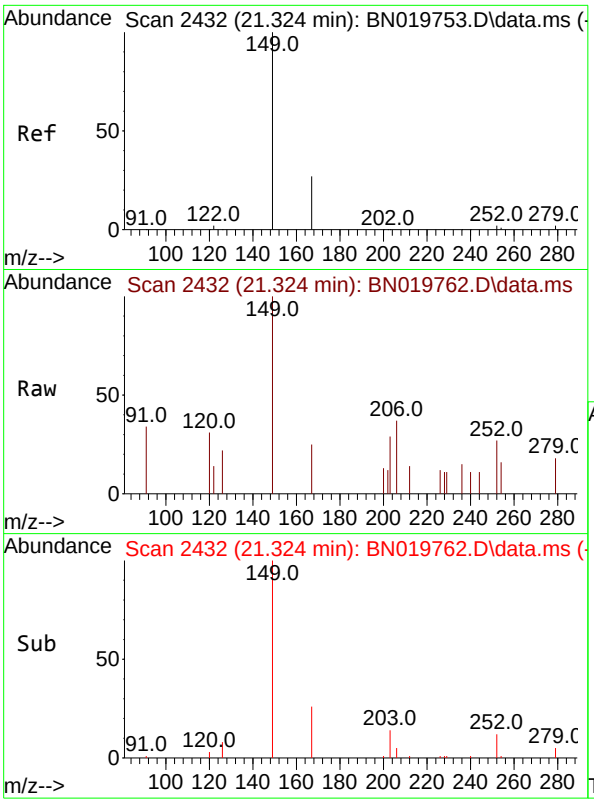


#33
Chrysene
Concen: 0.002 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:228 Resp: 85

Ion	Ratio	Lower	Upper
228	100		
226	61.8	23.4	35.0#
229	54.9	15.7	23.5#



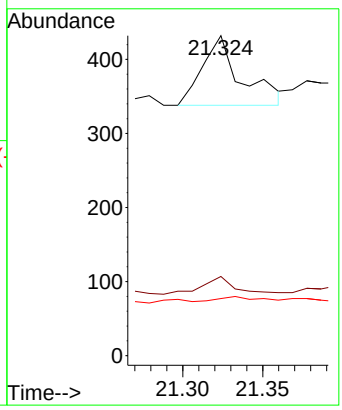


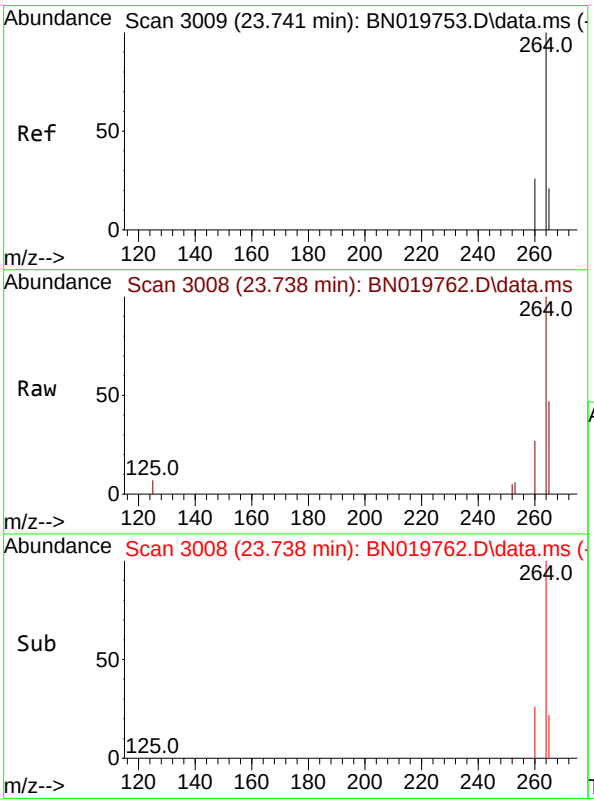
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.009 ng
RT: 21.324 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:149 Resp: 159

Ion	Ratio	Lower	Upper
149	100		
167	20.8	21.7	32.5#
279	6.9	2.2	3.2#

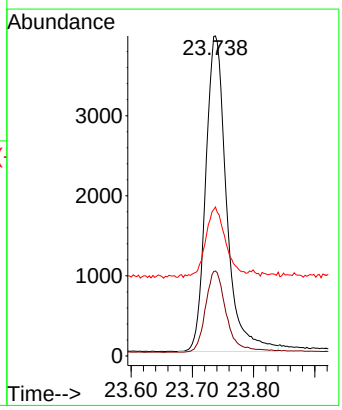


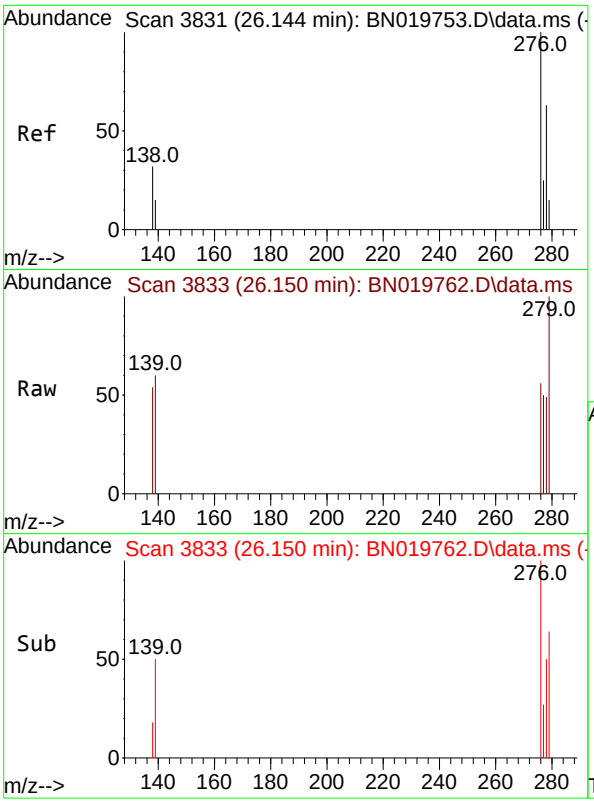


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3008
Delta R.T. -0.003 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:264 Resp: 9352

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.9	31.3
265	46.6	28.0	42.0#



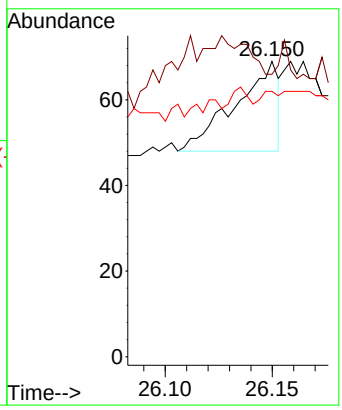


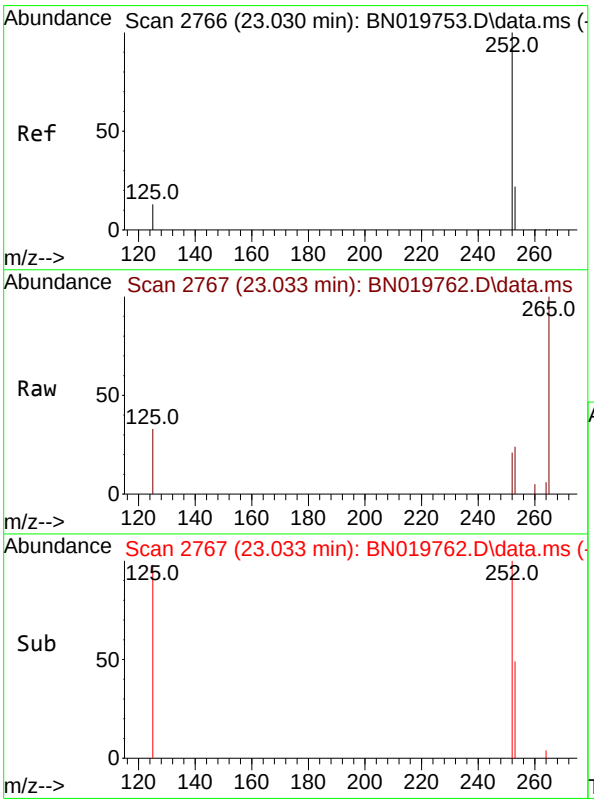
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.150 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:276 Resp: 29

Ion	Ratio	Lower	Upper
276	100		
138	10.3	25.9	38.9#
277	6.9	19.8	29.8#

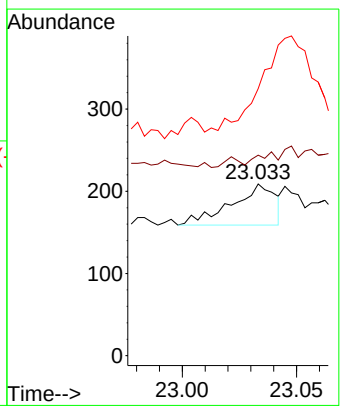


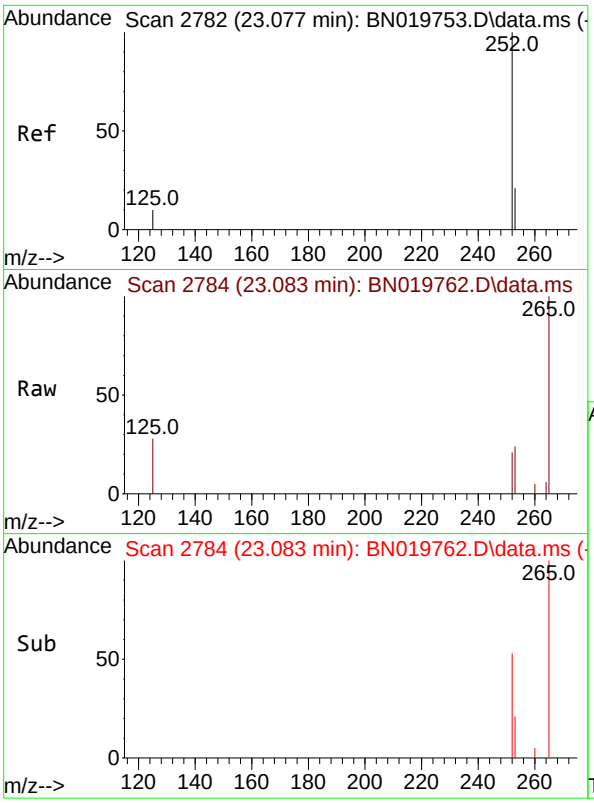


#37
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.033 min Scan# 2767
Delta R.T. -0.003 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:252 Resp: 66

Ion	Ratio	Lower	Upper
252	100		
253	116.7	18.5	27.7#
125	155.5	11.4	17.0#



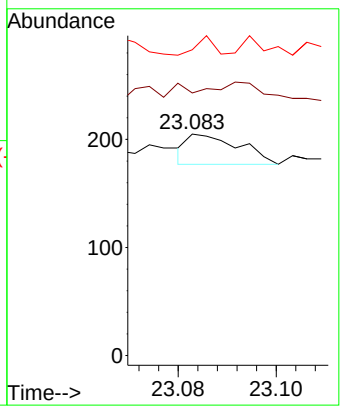


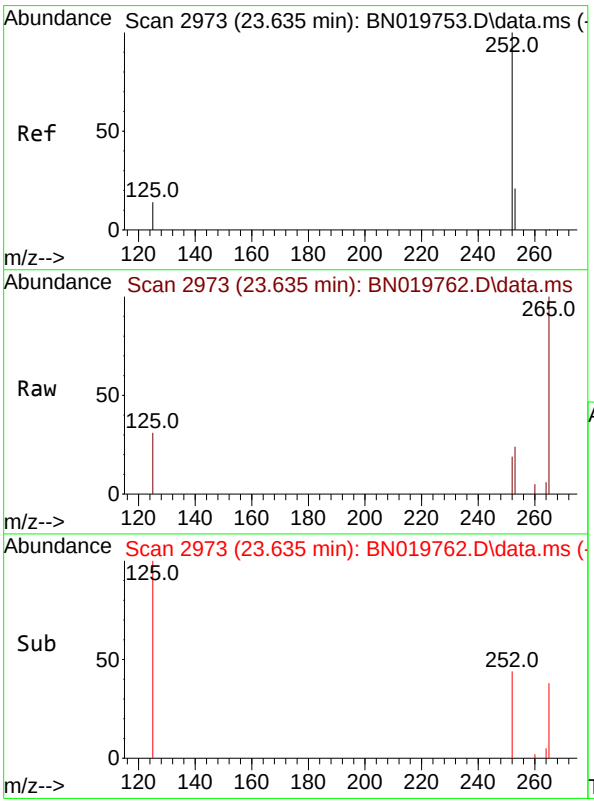
#38
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 23.083 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
253	118.5	18.0	27.0#
125	138.0	11.0	16.4#

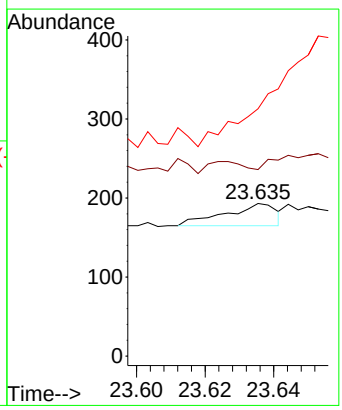


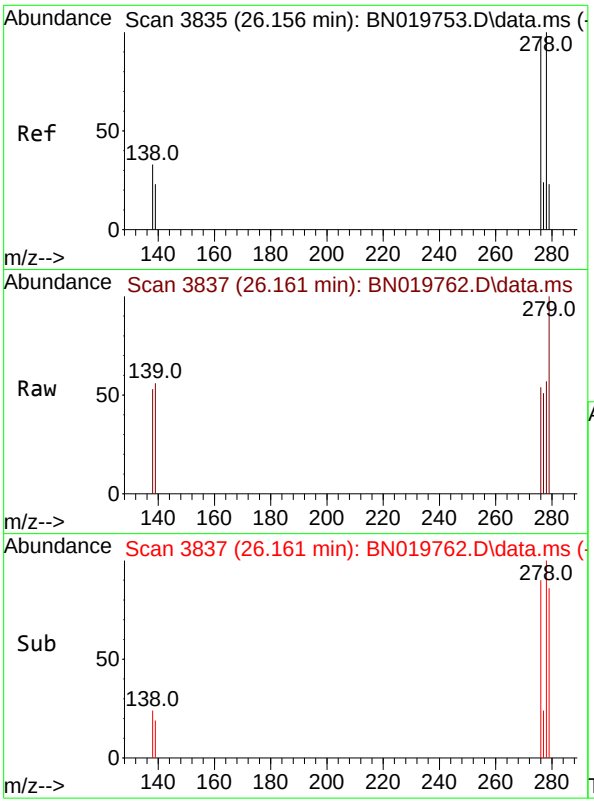


#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.635 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:252 Resp: 29

Ion	Ratio	Lower	Upper
252	100		
253	122.3	19.0	28.4#
125	162.2	13.8	20.8#



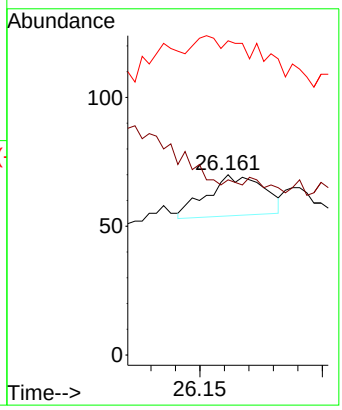


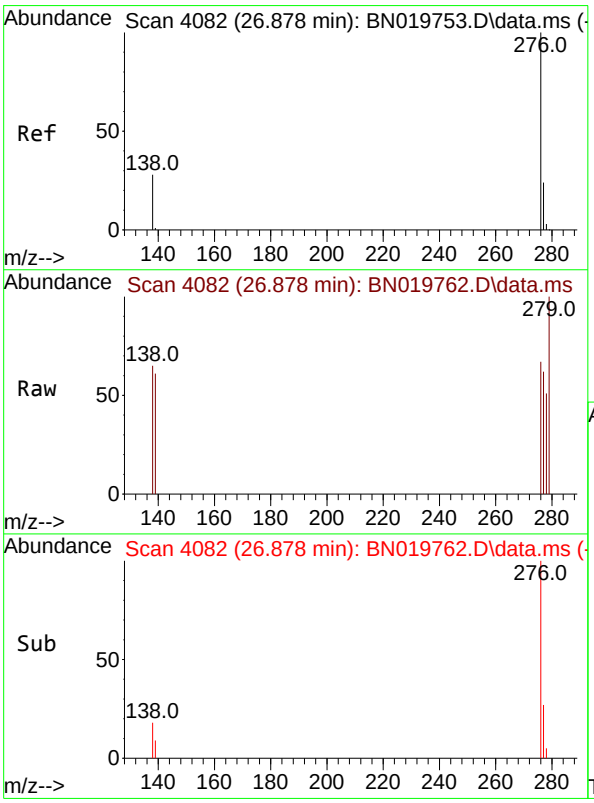
#40
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.161 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Instrument :
BNA_N
ClientSampleId :
SP5907

Tgt Ion:278 Resp: 25

Ion	Ratio	Lower	Upper
278	100		
139	97.1	18.6	28.0#
279	174.3	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.878 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BN019762.D
Acq: 13 May 2022 00:24

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	92.6	19.5	29.3#
138	97.1	22.6	34.0#