Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019002.D
Acq On : 17 Mar 2022 19:43
Operator : CG/JU
Sample : PB143257BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Quant Time: Mar 18 02:00:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 01:58:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5198	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12878	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	7567	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	12836	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9074	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	6481	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3554	0.305	ng	0.00
5) Phenol-d6	7.017	99	3023	0.247	ng	0.00
8) Nitrobenzene-d5	9.014	82	2485	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	5735	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	468	0.128	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	8502	0.280	ng	0.00
27) Fluoranthene-d10	19.270	212	12334	0.324	ng	0.00
31) Terphenyl-d14	19.864	244	7847	0.352	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.622	42	26	0.003	ng	# 29
6) bis(2-Chloroethyl)ether	7.255	93	9	0.001	ng	# 13
9) Naphthalene	10.701	128	50	0.001	ng	# 1
10) Hexachlorobutadiene	11.011	225	9	0.001	ng	# 18
16) Acenaphthylene	14.217	152	29	0.001	ng	# 77
17) Acenaphthene	14.559	154	20	0.001	ng	# 30
18) Fluorene	15.543	166	40	0.001	ng	89
20) 4,6-Dinitro-2-methylph...	15.564	198	6	0.004	ng	# 1
21) 4-Bromophenyl-phenylether	16.436	248	4	0.000	ng	# 58
22) Hexachlorobenzene	16.559	284	20	0.002	ng	# 53
23) Atrazine	16.692	200	8	0.001	ng	# 1
24) Pentachlorophenol	16.897	266	19	0.006	ng	# 35
25) Phenanthrene	17.277	178	170	0.004	ng	# 84
26) Anthracene	17.379	178	64	0.002	ng	# 61
28) Fluoranthene	19.299	202	83	0.002	ng	# 74
30) Pyrene	19.657	202	64	0.001	ng	# 79
32) Benzo(a)anthracene	21.413	228	87	0.003	ng	# 8
33) Chrysene	21.458	228	167	0.004	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.333	149	308	0.017	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.258	276	2	0.000	ng	# 8
37) Benzo(b)fluoranthene	23.080	252	169	0.007	ng	# 1
38) Benzo(k)fluoranthene	23.124	252	83	0.003	ng	# 1
39) Benzo(a)pyrene	23.688	252	23	0.001	ng	# 1
40) Dibenzo(a,h)anthracene	26.284	278	6	0.000	ng	# 1
41) Benzo(g,h,i)perylene	27.018	276	67	0.003	ng	# 1

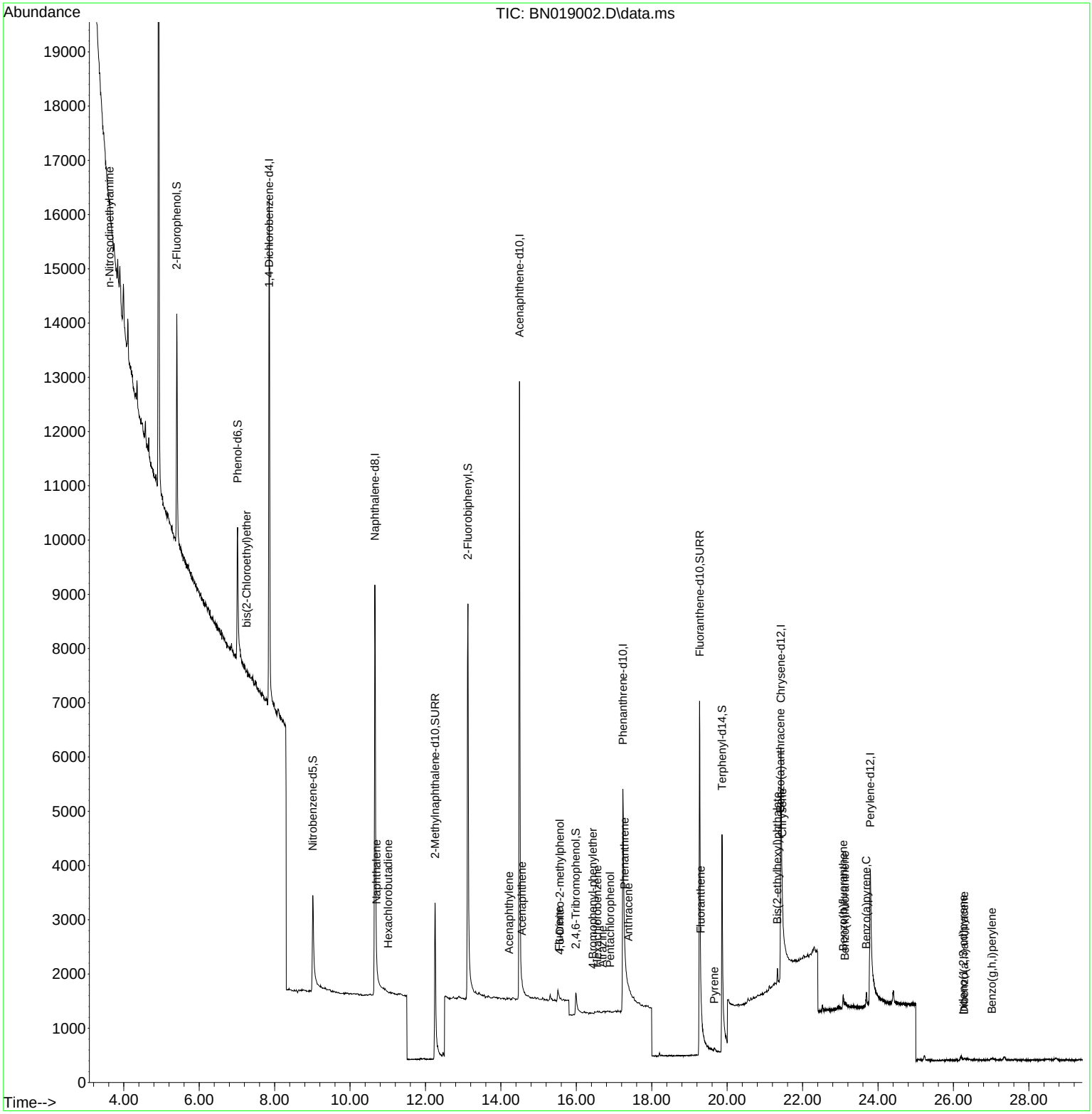
(#) = qualifier out of range (m) = manual integration (+) = signals summed

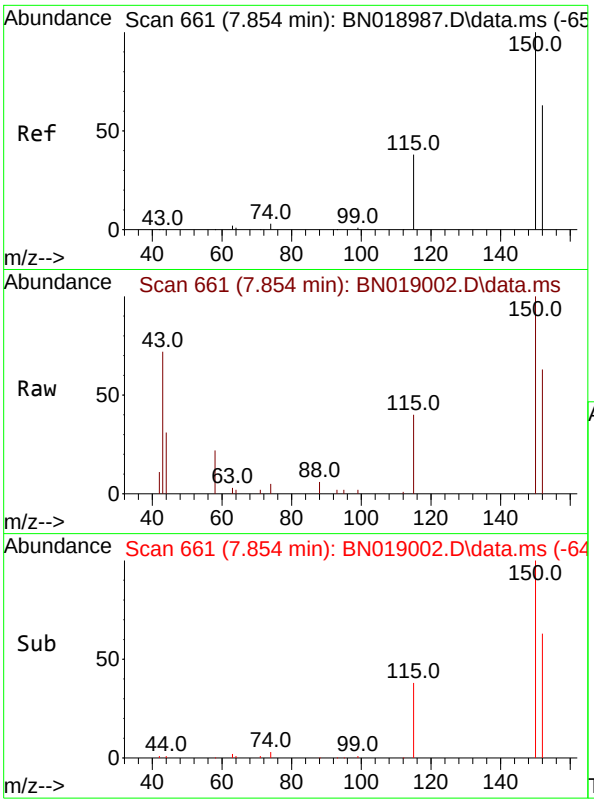
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019002.D
Acq On : 17 Mar 2022 19:43
Operator : CG/JU
Sample : PB143257BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Quant Time: Mar 18 02:00:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 01:58:41 2022
Response via : Initial Calibration



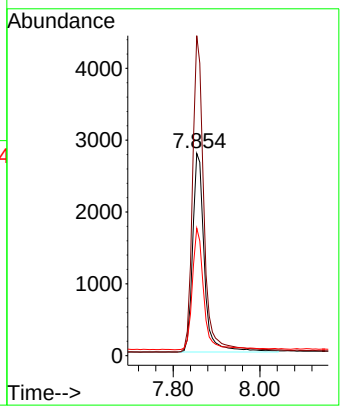


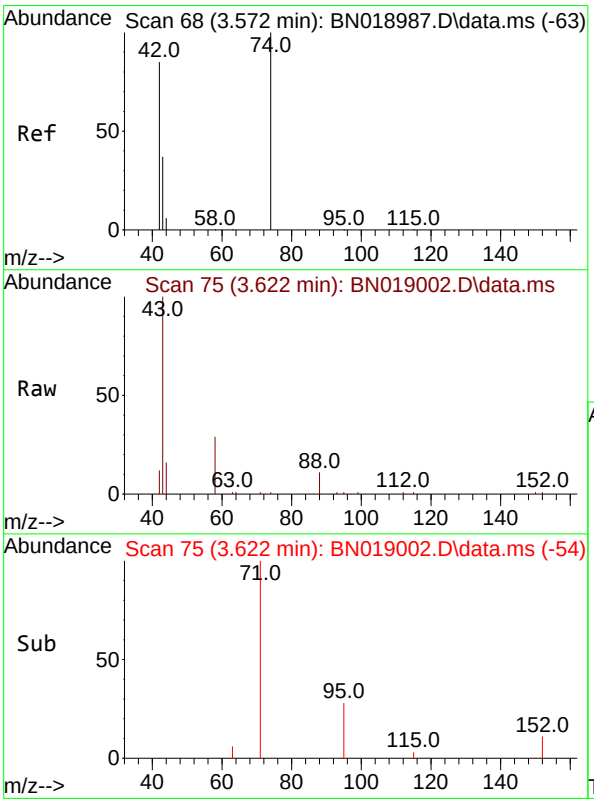
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:152 Resp: 5198

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.9	185.9
115	63.0	48.2	72.4

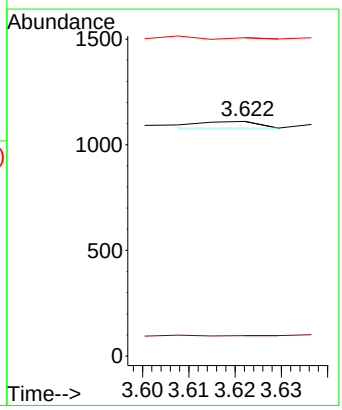


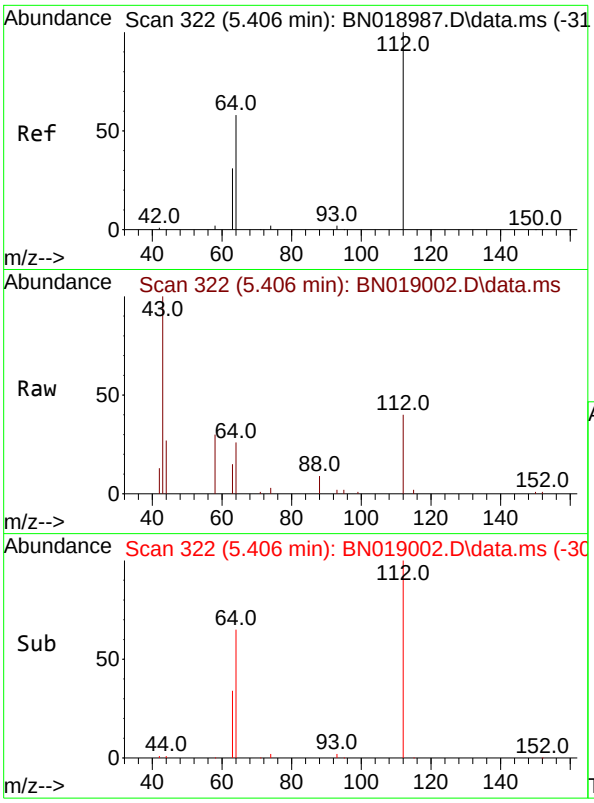


#3
n-Nitrosodimethylamine
Concen: 0.003 ng
RT: 3.622 min Scan# 75
Delta R.T. 0.050 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	38.5	96.9	145.3#
44	0.0	7.3	10.9#



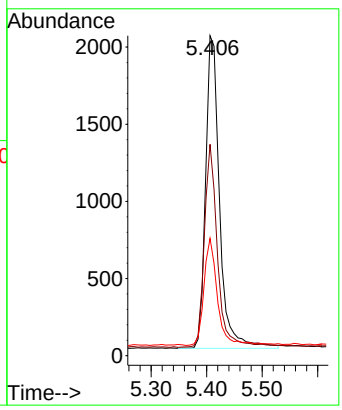


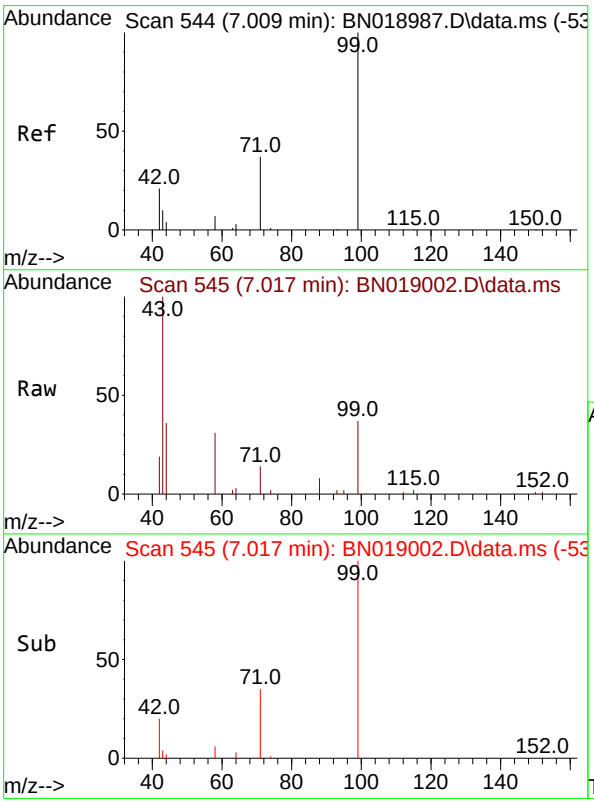
#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:112 Resp: 3554

Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.8	71.8
63	33.3	25.7	38.5

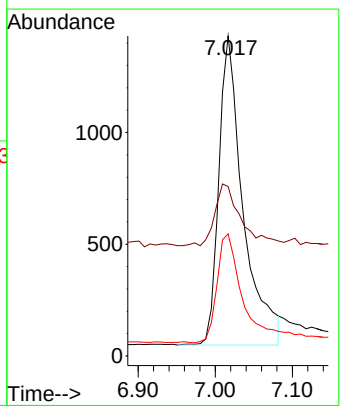


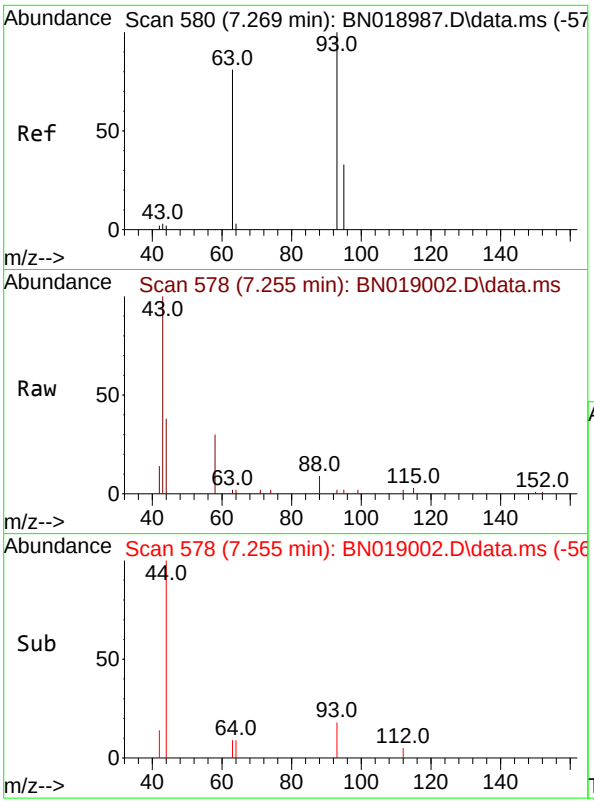


#5
Phenol-d6
Concen: 0.247 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion: 99 Resp: 3023

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.2	24.4
71	36.7	27.7	41.5



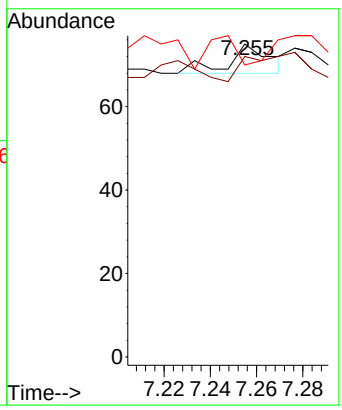


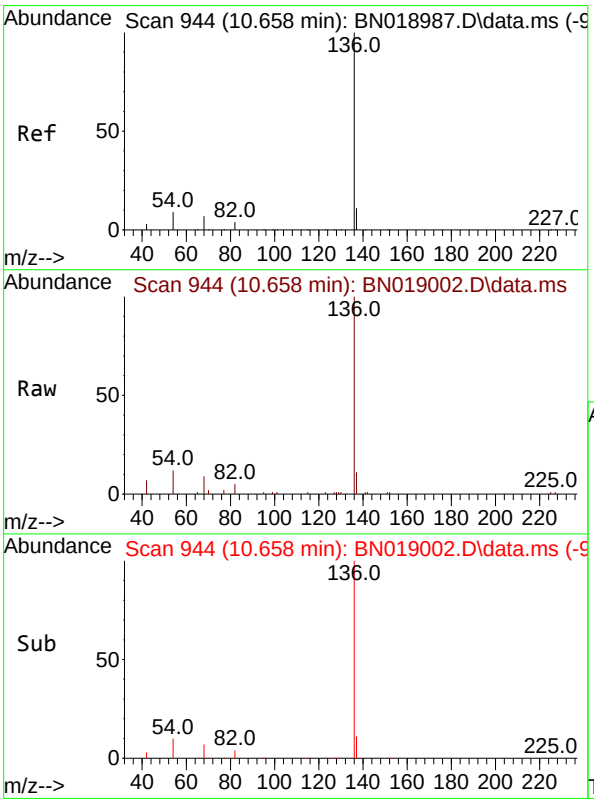
#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.255 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion: 93 Resp: 9

Ion	Ratio	Lower	Upper
93	100		
63	0.0	62.8	94.2#
95	77.8	26.2	39.4#

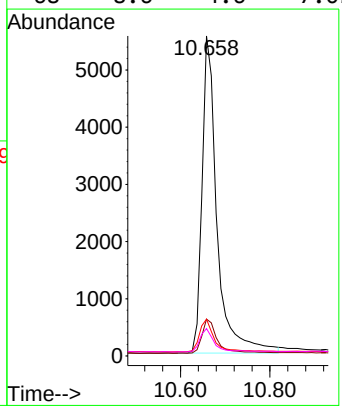


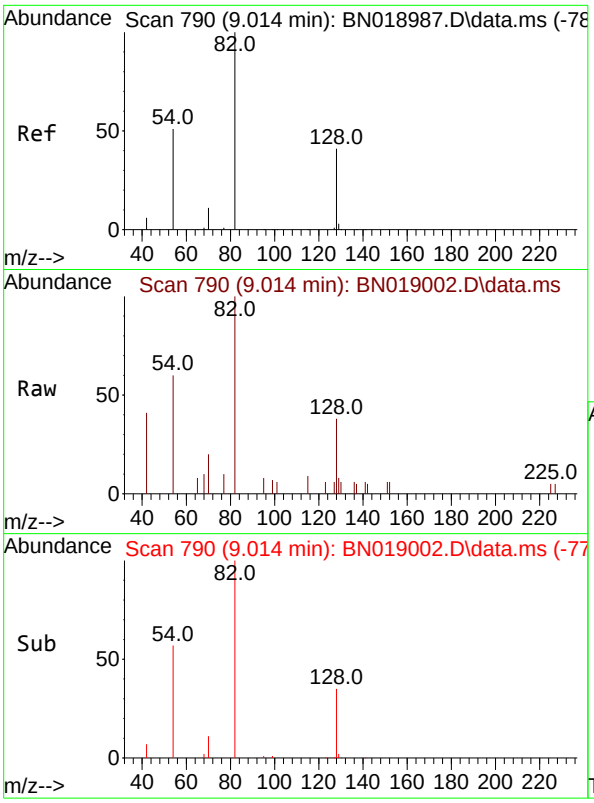


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:136 Resp: 12878

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	11.5	5.8	8.6#
68	8.6	4.6	7.0#



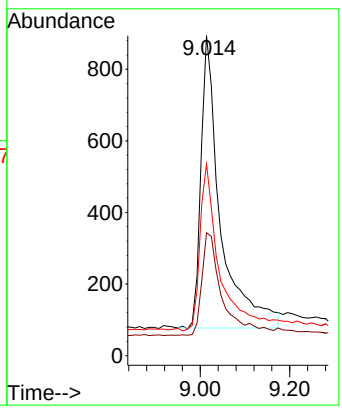


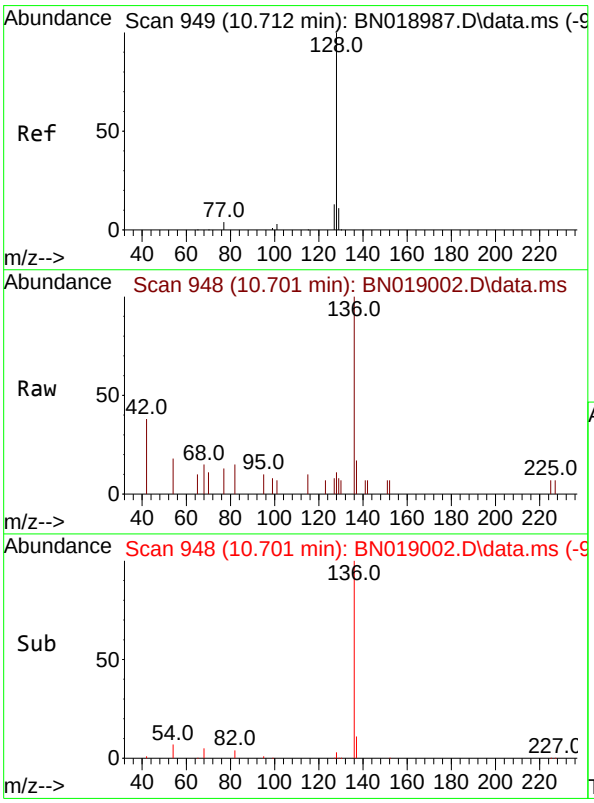
#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 9.014 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion: 82 Resp: 2485

Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.0	49.6
54	59.8	42.5	63.7

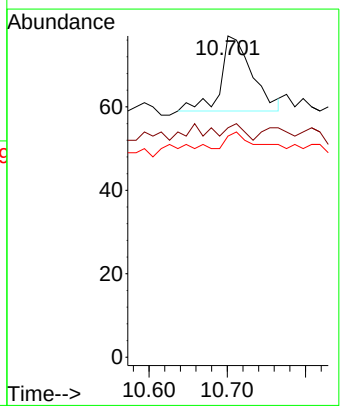


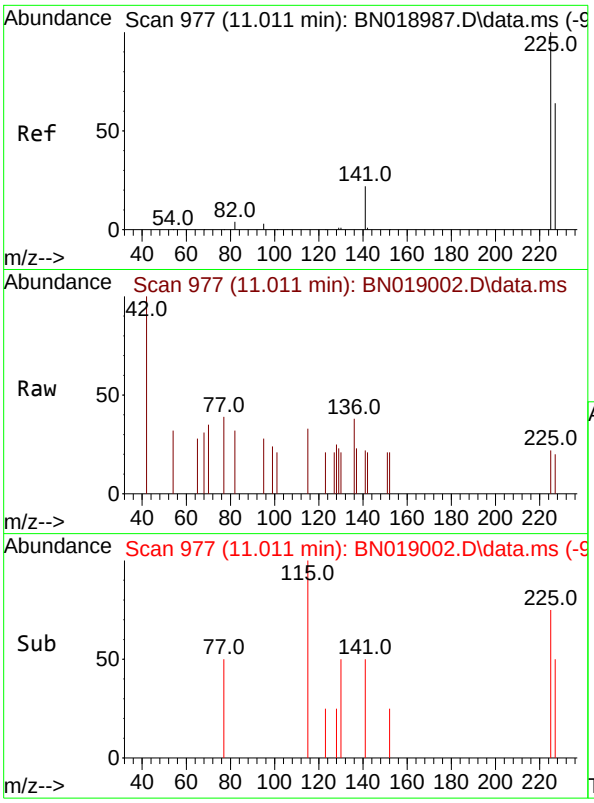


#9
Naphthalene
Concen: 0.001 ng
RT: 10.701 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:128 Resp: 50

Ion	Ratio	Lower	Upper
128	100		
129	71.4	9.0	13.4#
127	68.8	10.7	16.1#



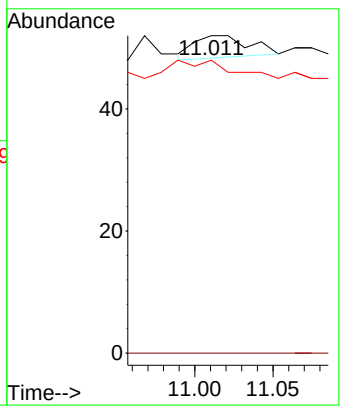


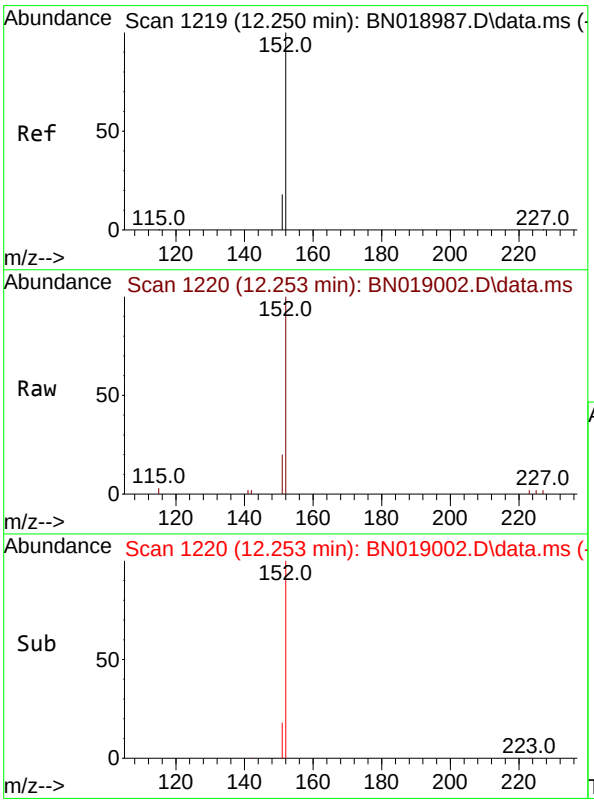
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.011 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:225 Resp: 9

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

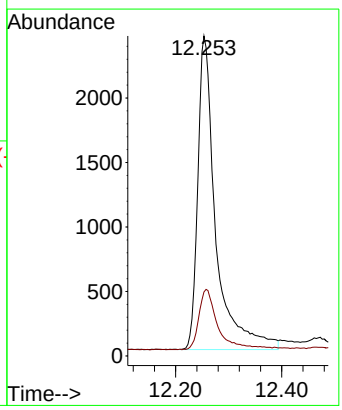


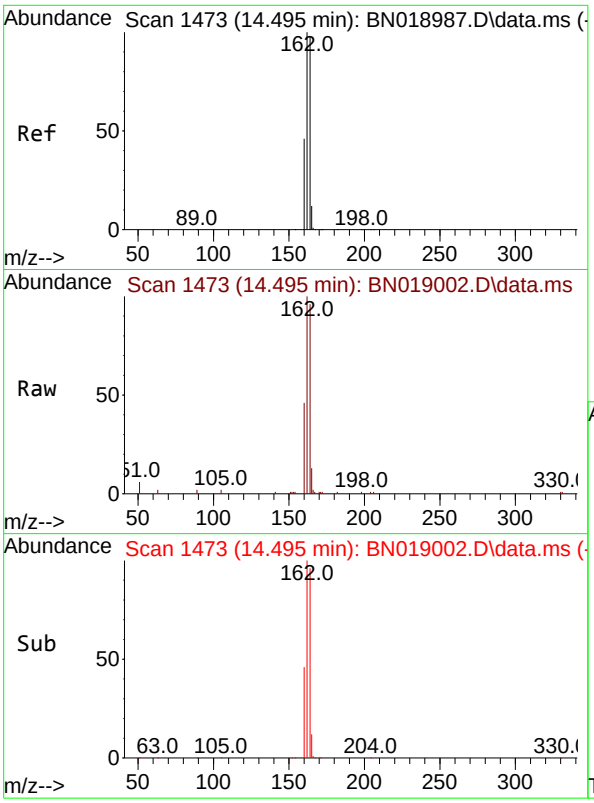


#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.004 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:152 Resp: 5735

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7



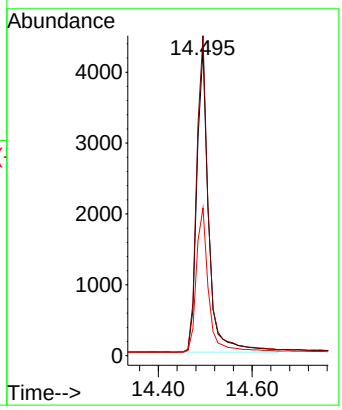


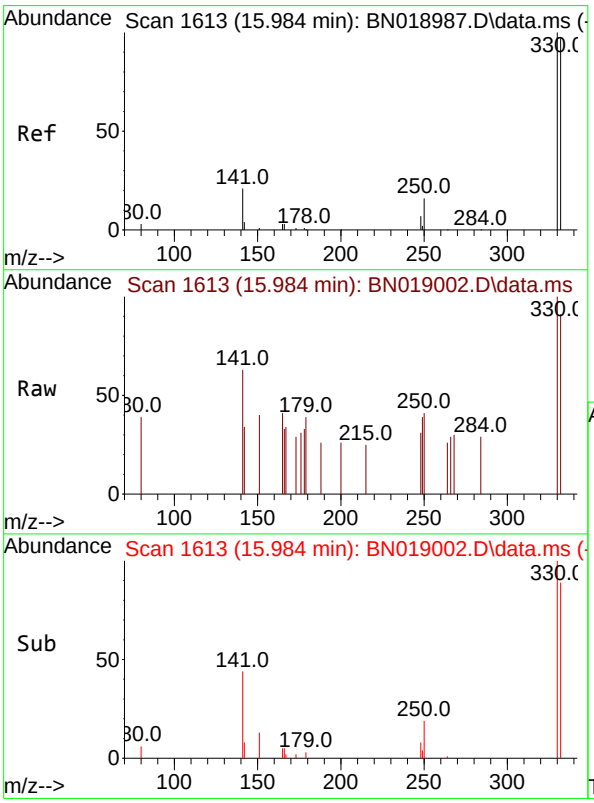
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:164 Resp: 7567

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.2	127.8
160	48.2	41.5	62.3

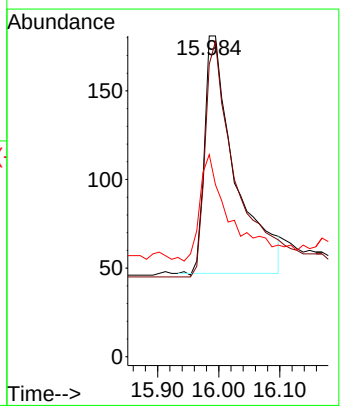


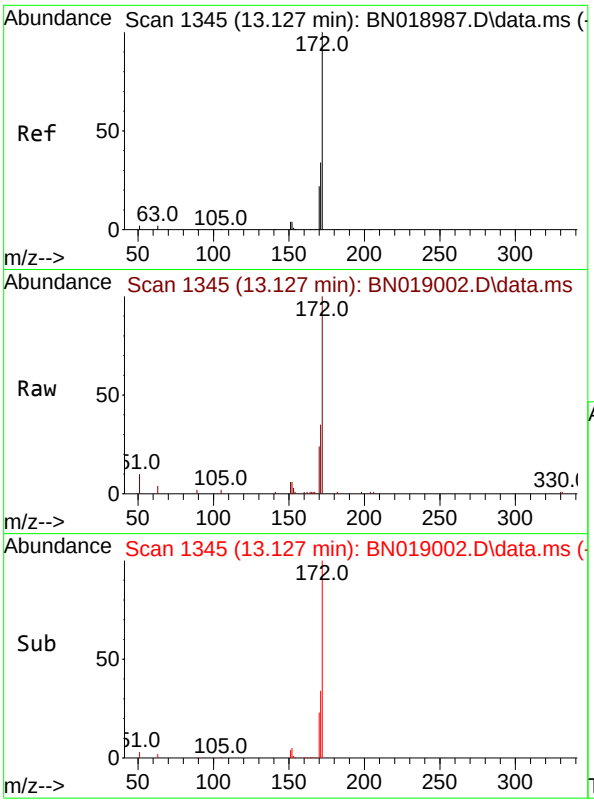


#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:330 Resp: 468

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.8	115.2
141	43.6	32.2	48.2



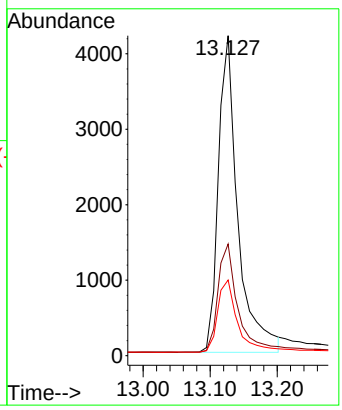


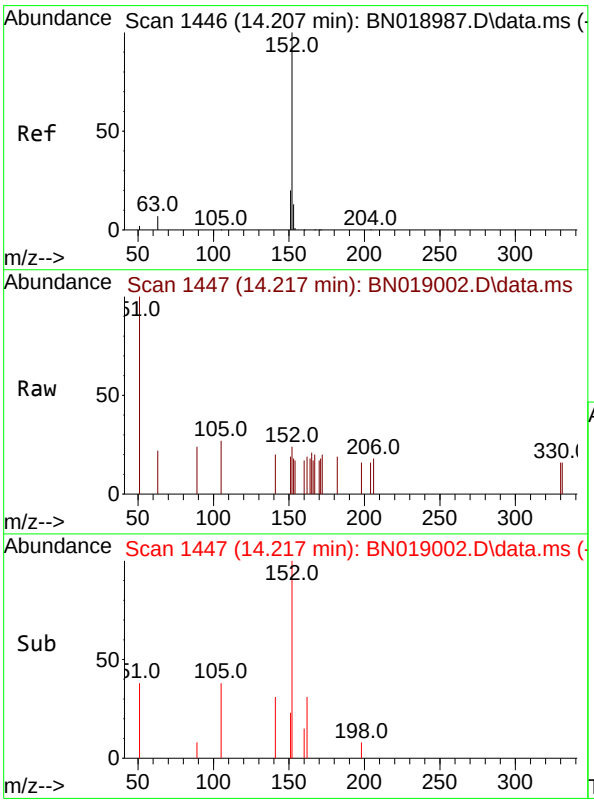
#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:172 Resp: 8502

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

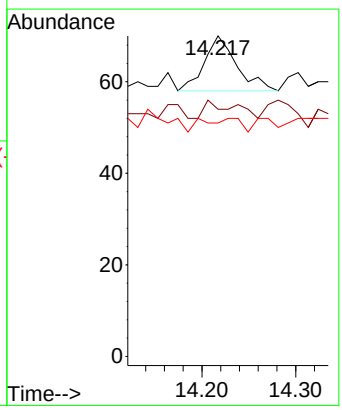


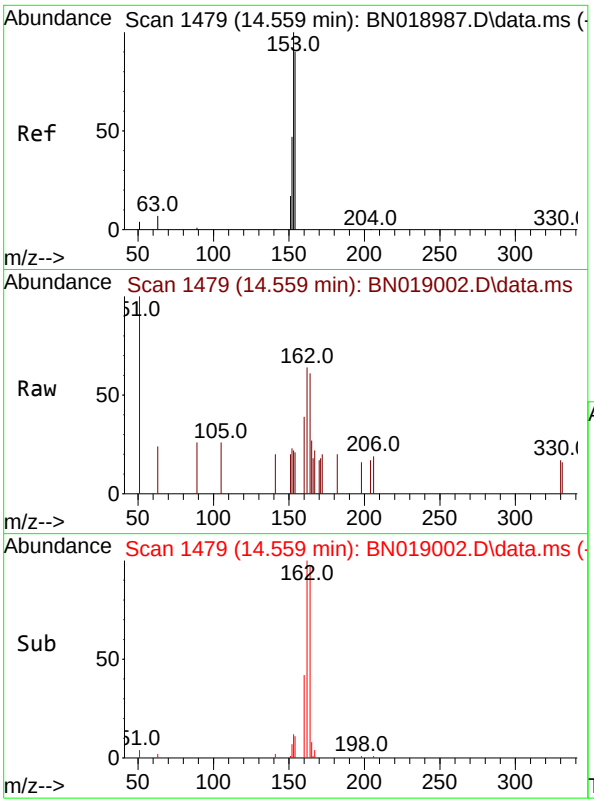


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.217 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:152 Resp: 29

Ion	Ratio	Lower	Upper
152	100		
151	27.6	15.9	23.9#
153	0.0	10.6	15.8#



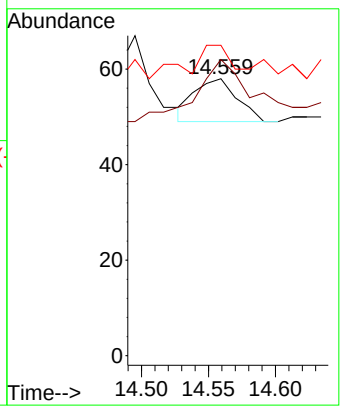


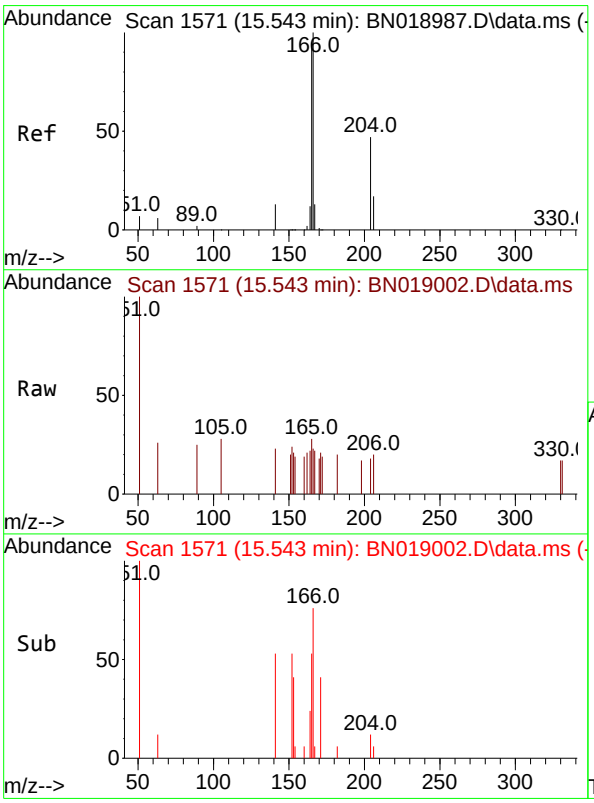
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.559 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:154 Resp: 20

Ion	Ratio	Lower	Upper
154	100		
153	205.0	89.7	134.5#
152	30.0	44.7	67.1#

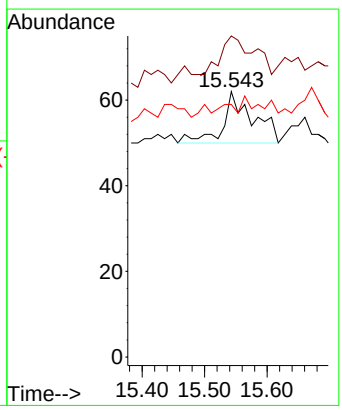


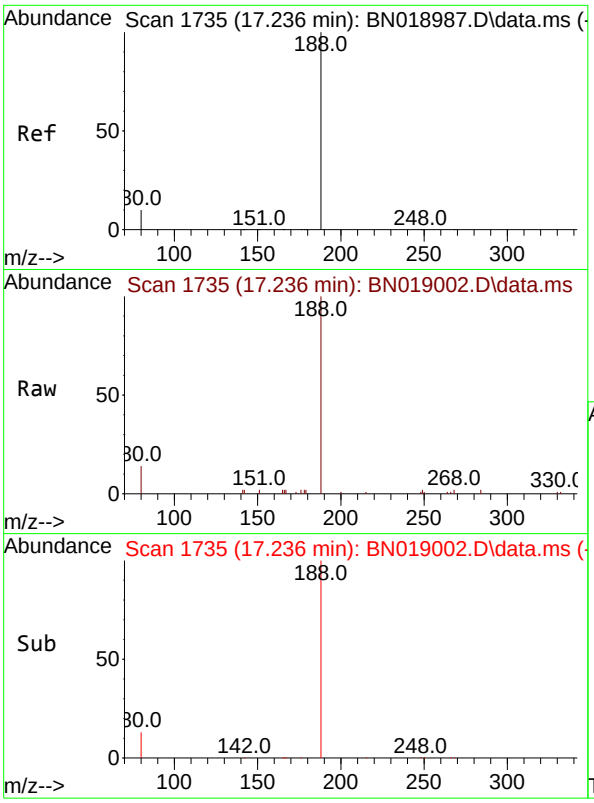


#18
Fluorene
Concen: 0.001 ng
RT: 15.543 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:166 Resp: 40

Ion	Ratio	Lower	Upper
166	100		
165	87.5	79.2	118.8
167	15.0	10.7	16.1



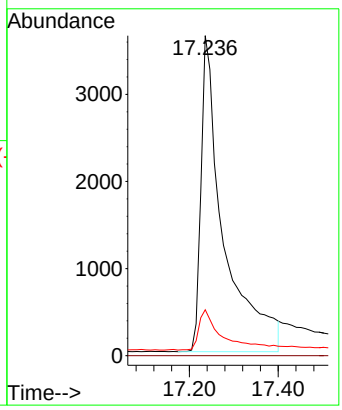


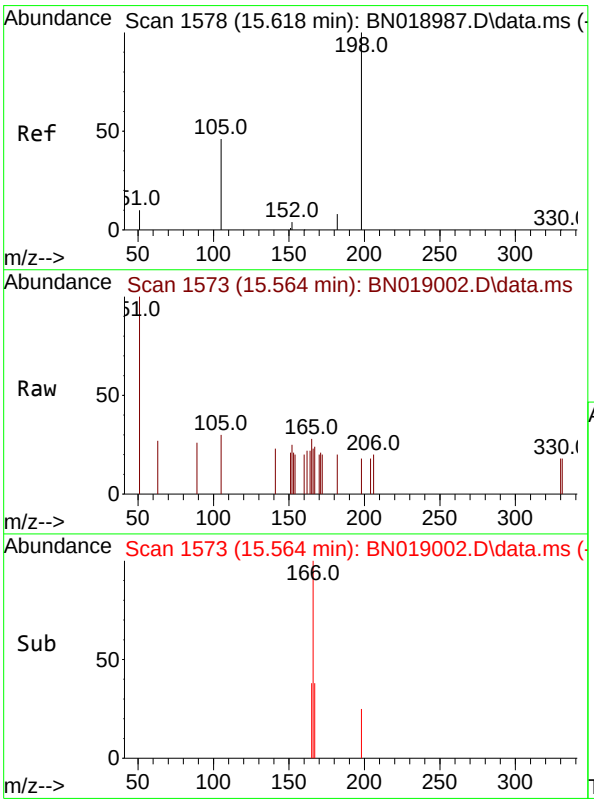
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:188 Resp: 12836

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

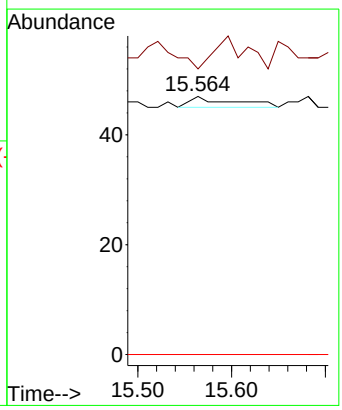


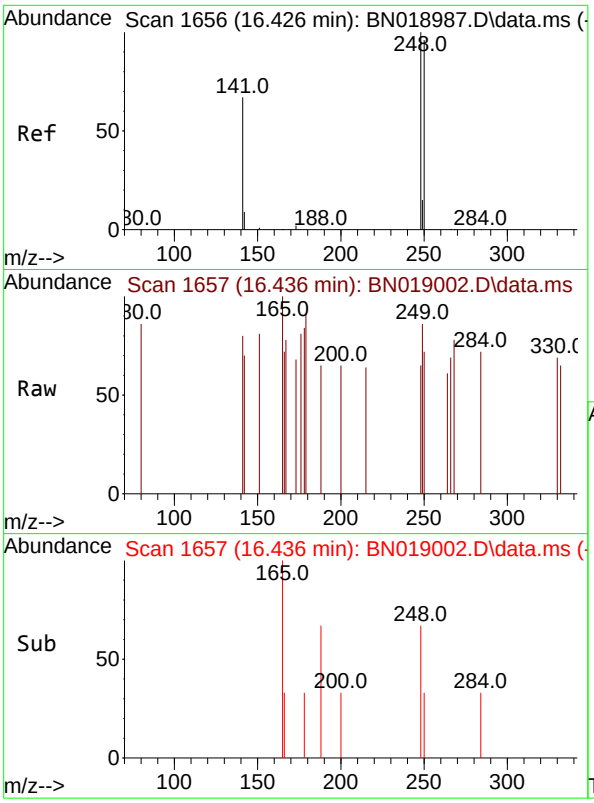


#20
4,6-Dinitro-2-methylphenol
Concen: 0.004 ng
RT: 15.564 min Scan# 1573
Delta R.T. -0.054 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
182	110.6	13.0	19.4#
77	0.0	0.0	0.0



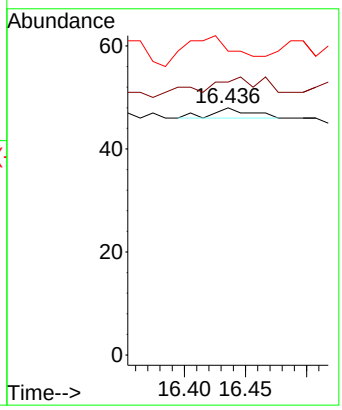


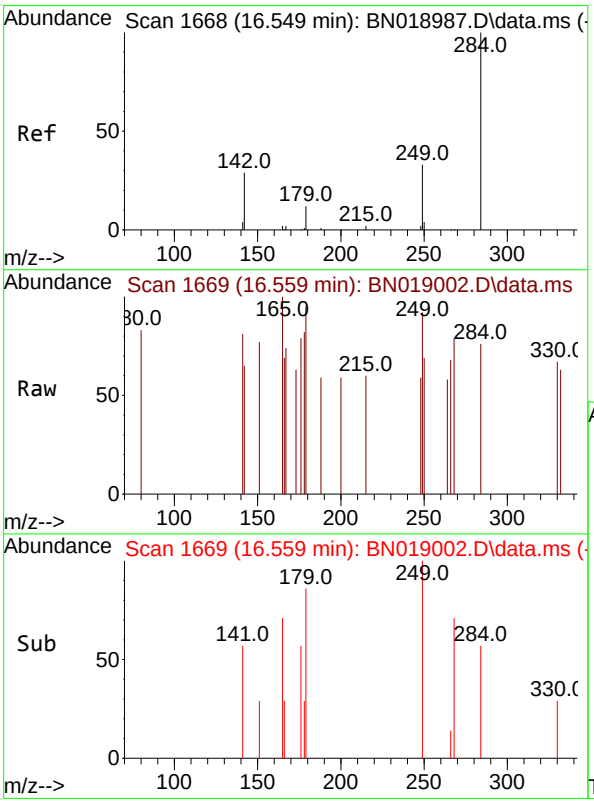
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.436 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	110.4	80.7	121.1
141	122.9	39.6	59.4#

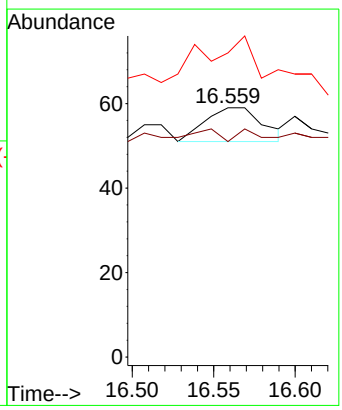


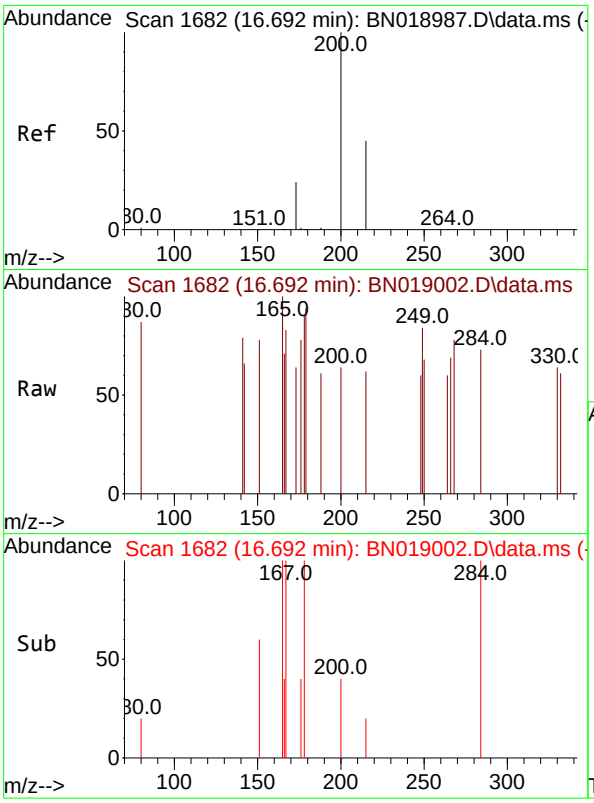


#22
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.559 min Scan# 1669
Delta R.T. 0.010 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:284 Resp: 20

Ion	Ratio	Lower	Upper
284	100		
142	15.0	29.8	44.8#
249	0.0	26.2	39.2#



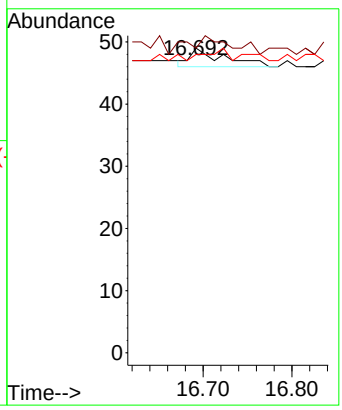


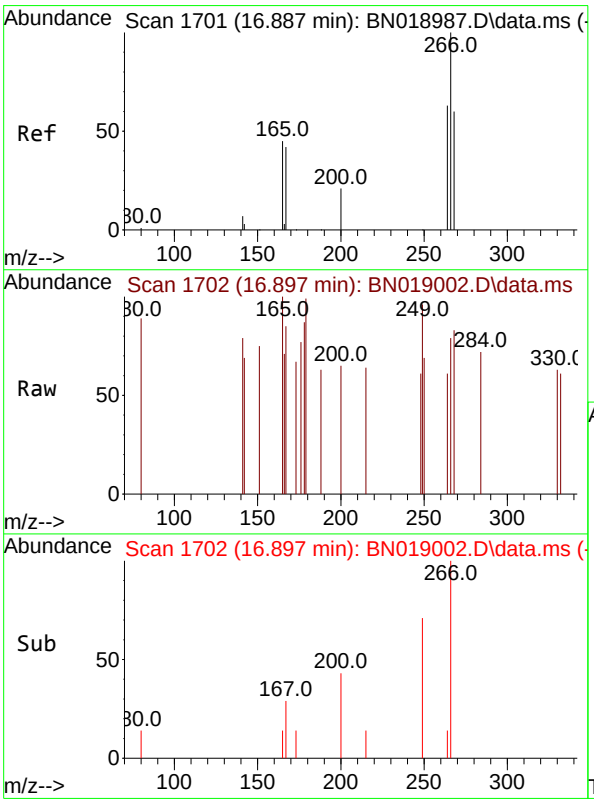
#23
Atrazine
Concen: 0.001 ng
RT: 16.692 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:200 Resp: 8

Ion	Ratio	Lower	Upper
200	100		
173	100.0	23.9	35.9#
215	98.0	36.6	54.8#

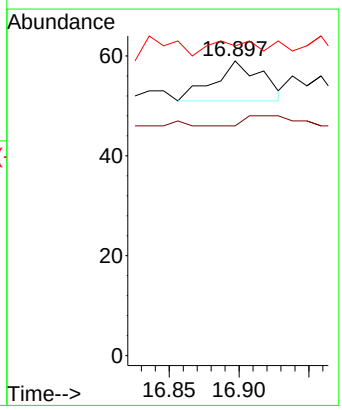


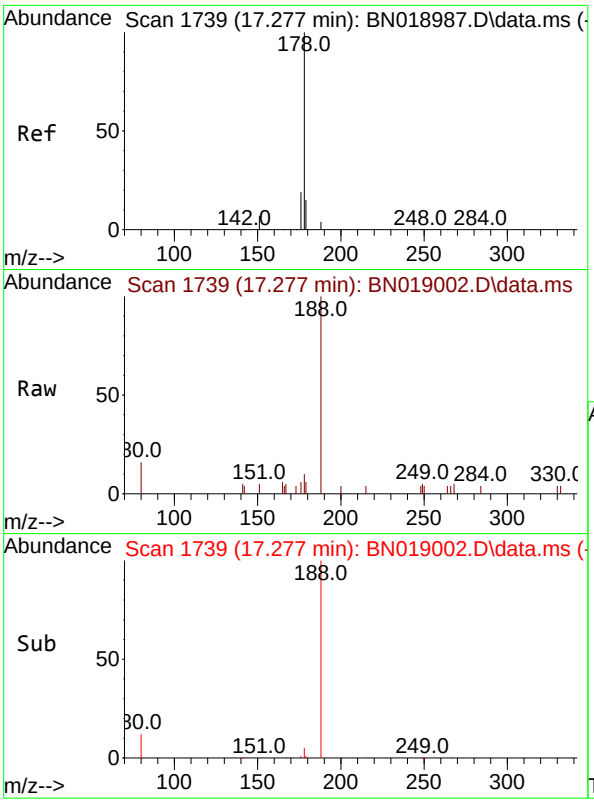


#24
Pentachlorophenol
Concen: 0.006 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	26.3	50.2	75.4#
268	0.0	51.9	77.9#



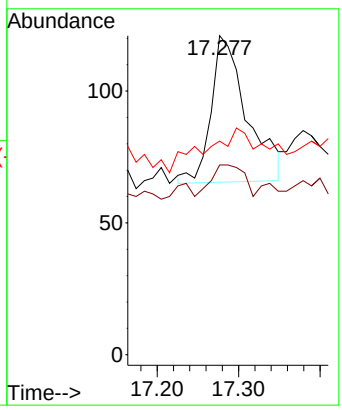


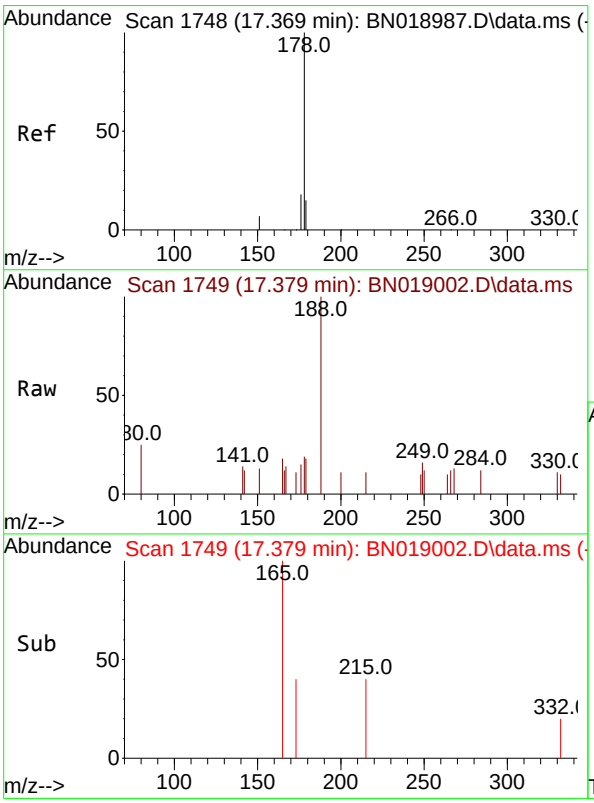
#25
Phenanthrene
Concen: 0.004 ng
RT: 17.277 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:178 Resp: 170

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	0.0	12.2	18.2#

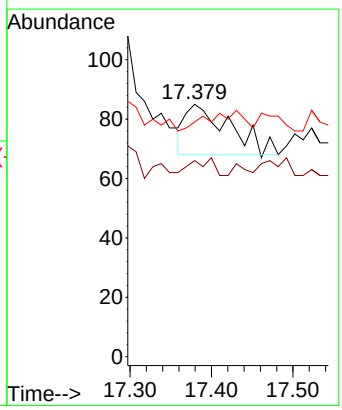


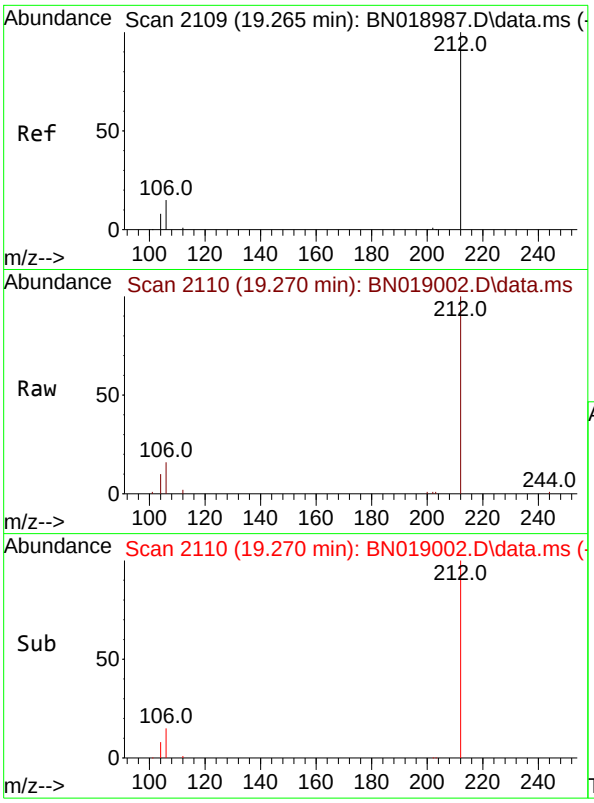


#26
Anthracene
Concen: 0.002 ng
RT: 17.379 min Scan# 1749
Delta R.T. 0.010 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:178 Resp: 64

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.8	22.2#
179	0.0	12.2	18.4#



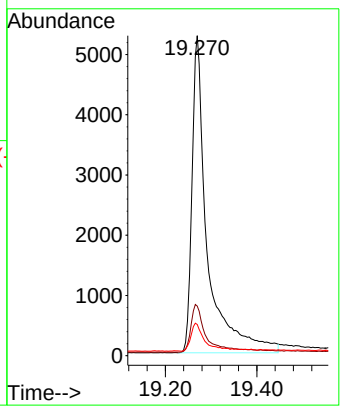


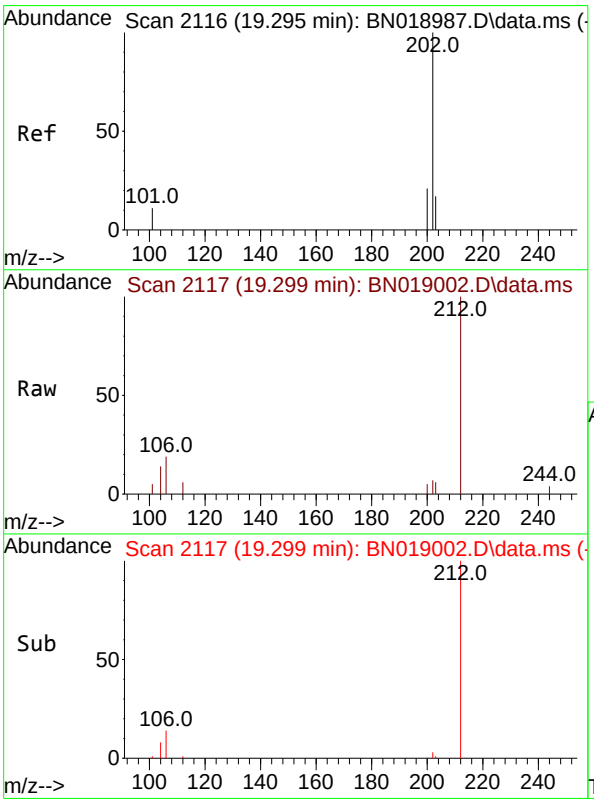
#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.270 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:212 Resp: 12334

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.7	19.1
104	8.4	7.1	10.7

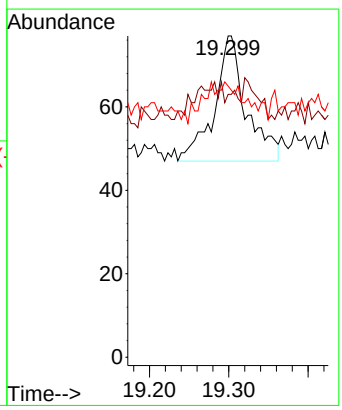


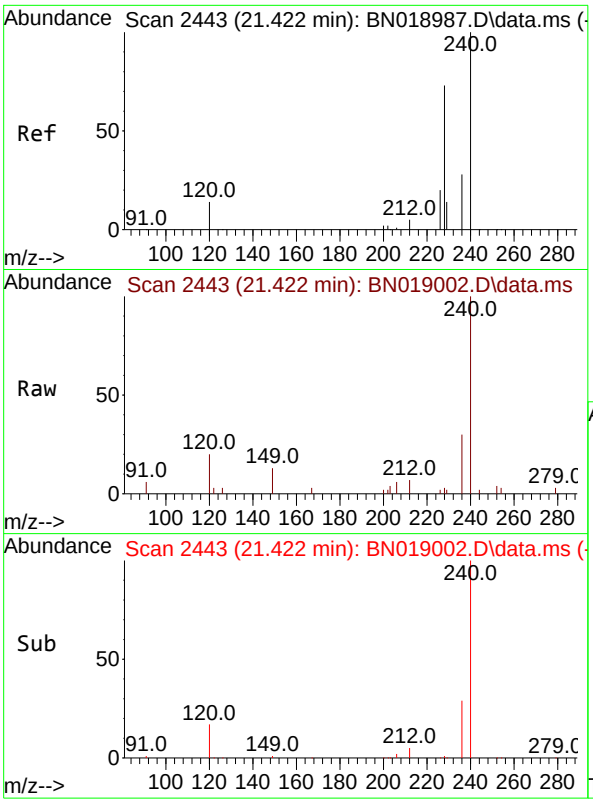


#28
Fluoranthene
Concen: 0.002 ng
RT: 19.299 min Scan# 2117
Delta R.T. 0.004 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:202 Resp: 83

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.6#
203	7.2	13.7	20.5#



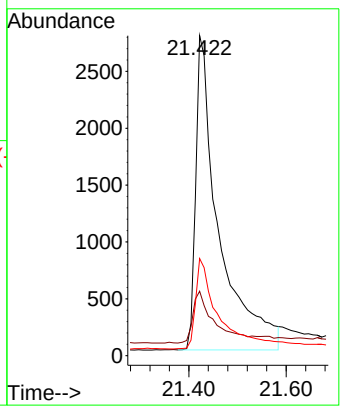


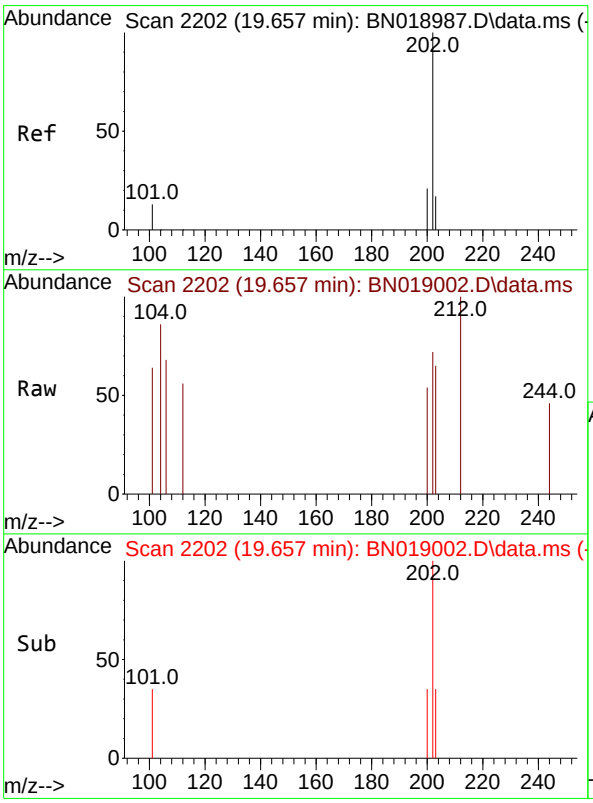
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:240 Resp: 9074

Ion	Ratio	Lower	Upper
240	100		
120	20.1	8.5	12.7#
236	30.4	22.4	33.6

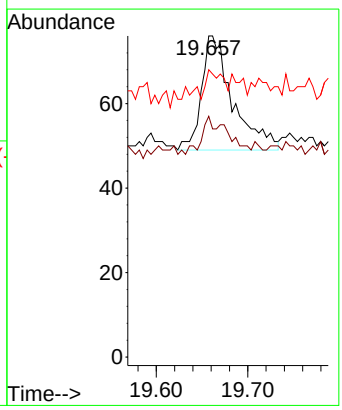


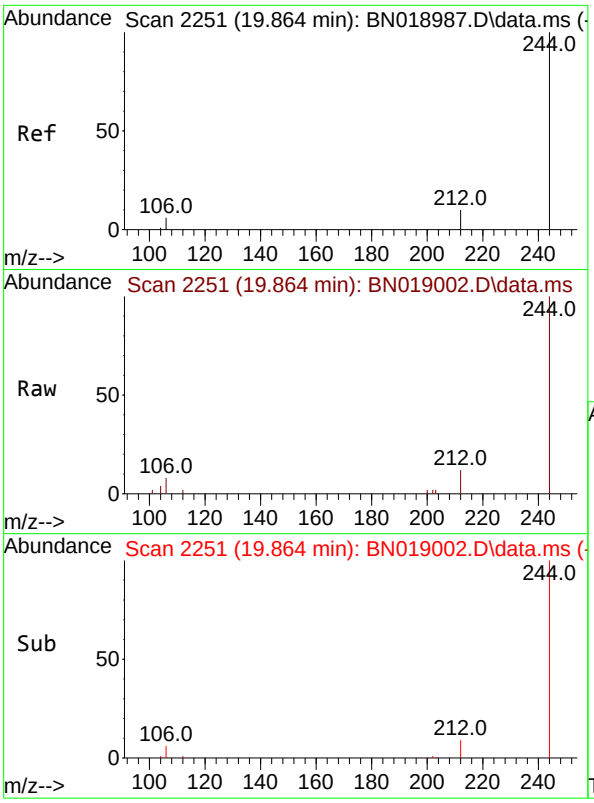


#30
Pyrene
Concen: 0.001 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:202 Resp: 64

Ion	Ratio	Lower	Upper
202	100		
200	14.1	16.9	25.3#
203	29.7	14.2	21.2#



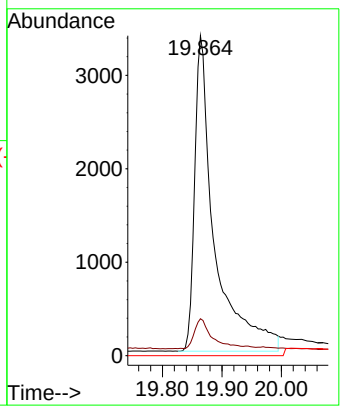


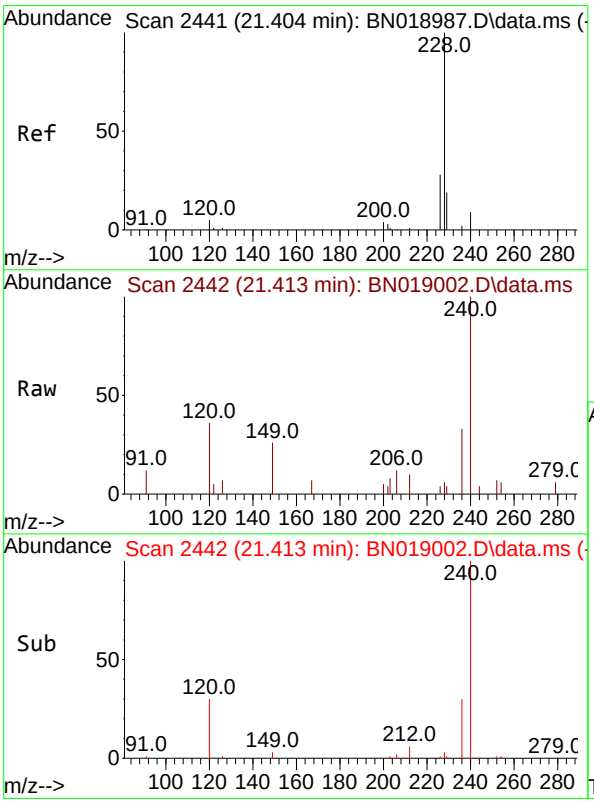
#31
Terphenyl-d14
Concen: 0.352 ng
RT: 19.864 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:244 Resp: 7847

Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.2	12.4
122	0.0	0.0	0.0

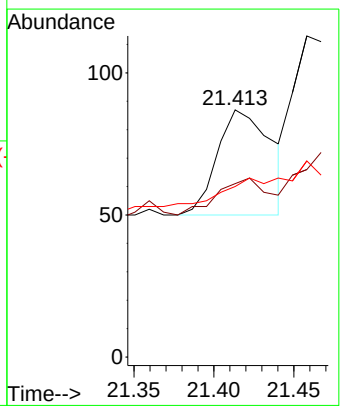


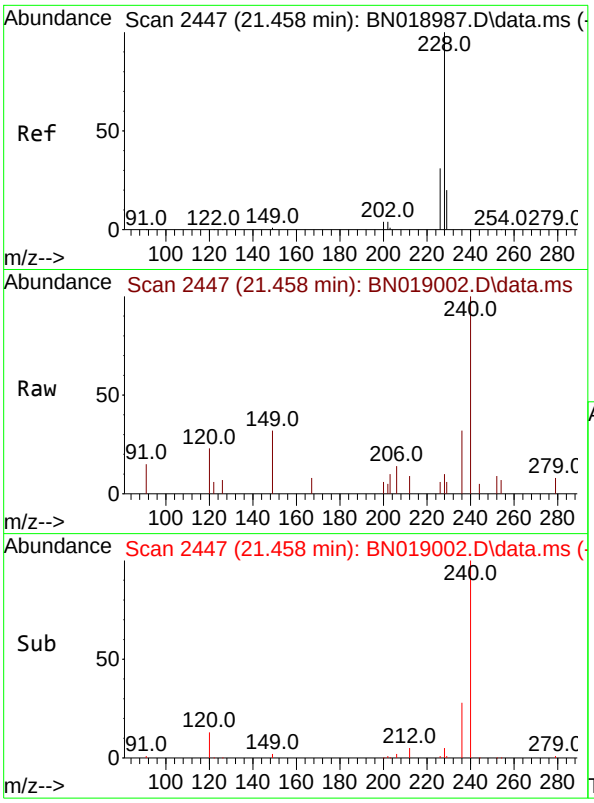


#32
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.009 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:228 Resp: 87

Ion	Ratio	Lower	Upper
228	100		
226	70.1	21.9	32.9#
229	69.0	16.0	24.0#



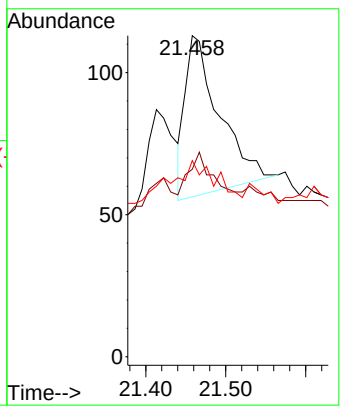


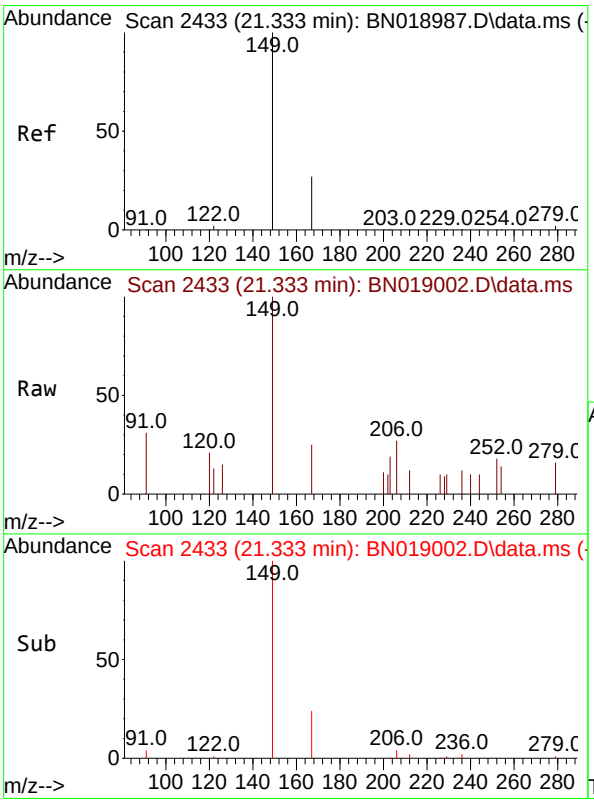
#33
Chrysene
Concen: 0.004 ng
RT: 21.458 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:228 Resp: 167

Ion	Ratio	Lower	Upper
228	100		
226	58.4	24.0	36.0#
229	61.1	15.9	23.9#

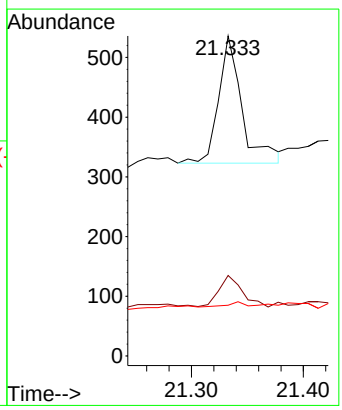


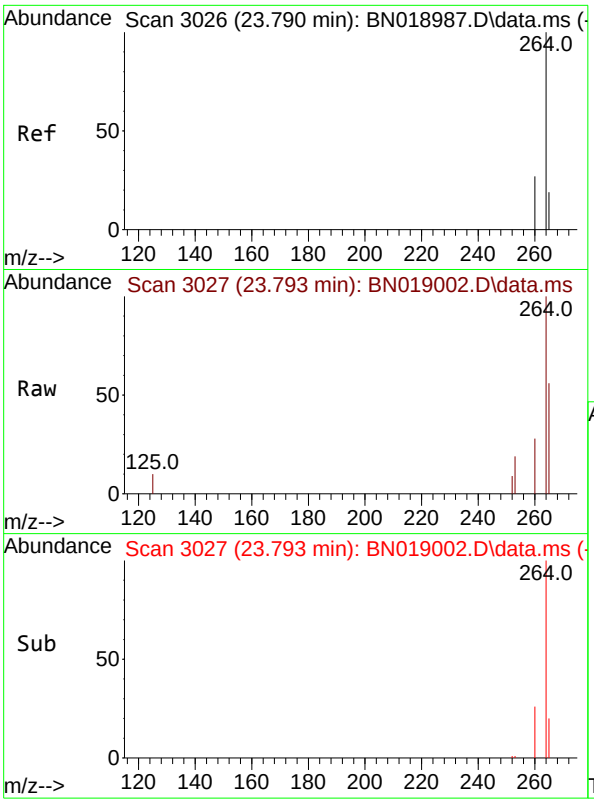


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.017 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:149 Resp: 308

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.8	32.8
279	3.6	2.0	3.0#



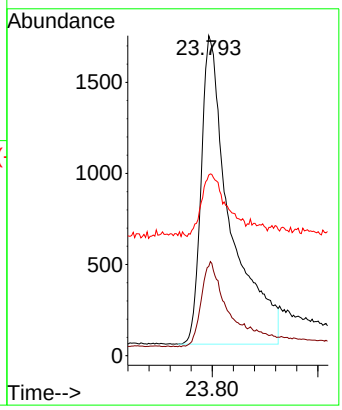


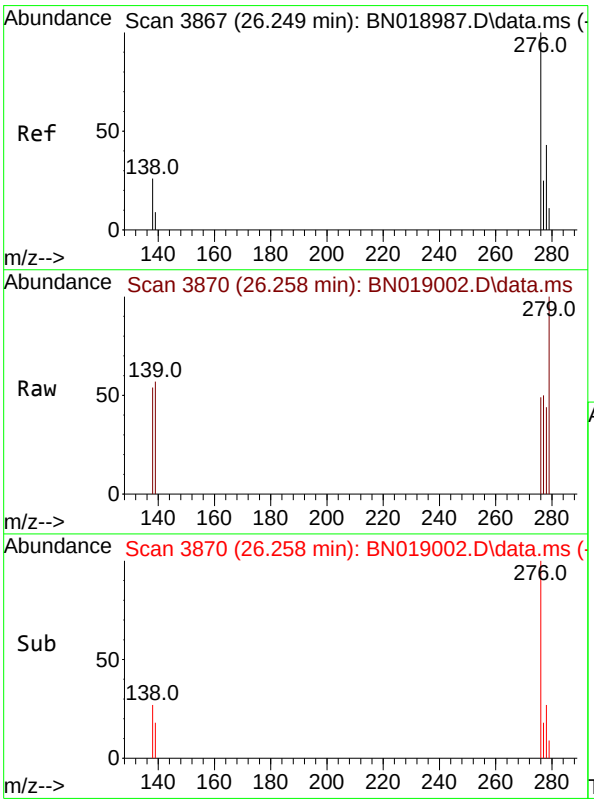
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.793 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:264 Resp: 6481

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.4	33.6
265	56.4	25.3	37.9#

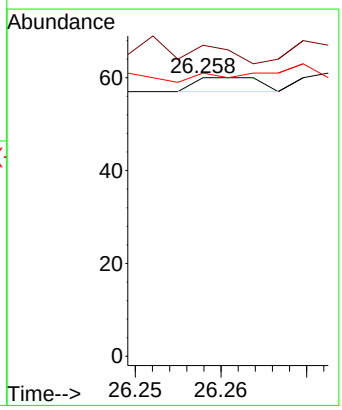


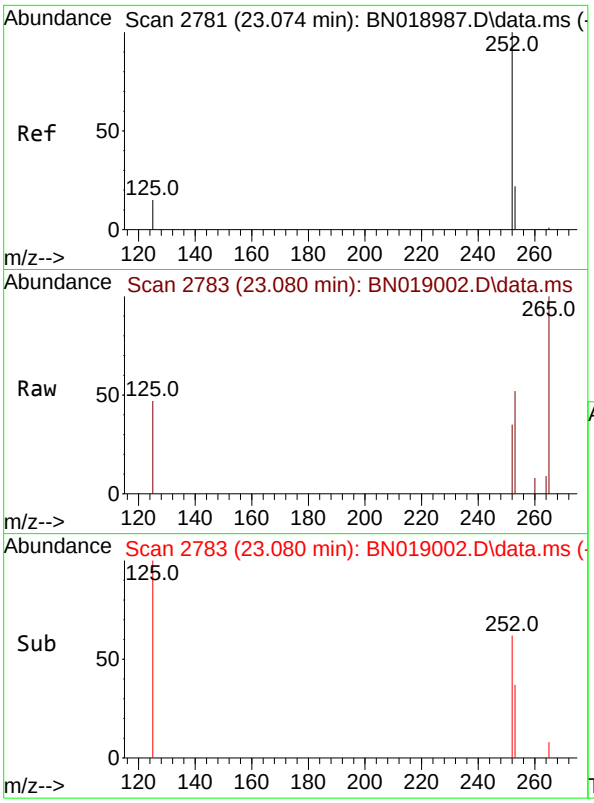


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.258 min Scan# 3870
Delta R.T. 0.009 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	100.0	24.5	36.7#
277	0.0	19.8	29.8#



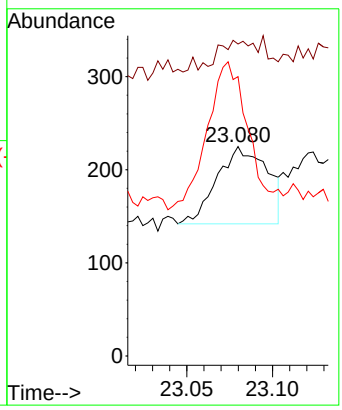


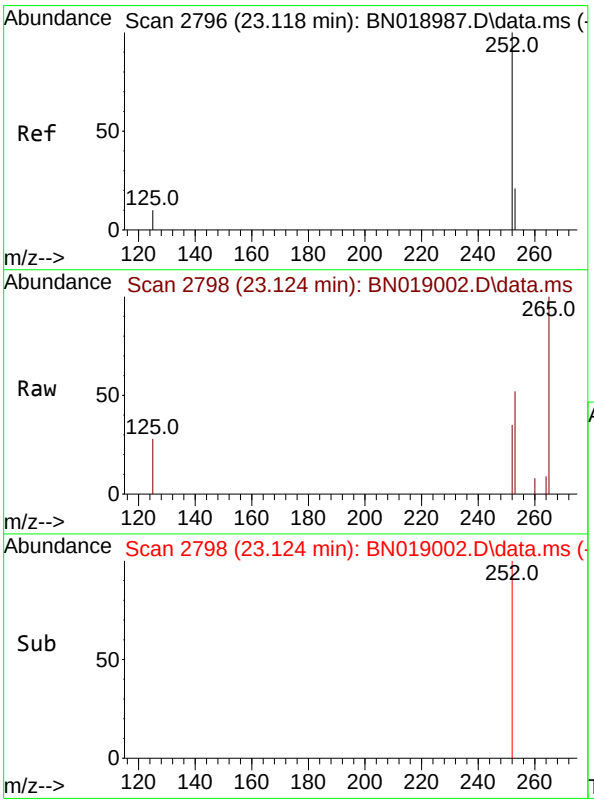
#37
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 23.080 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:252 Resp: 169

Ion	Ratio	Lower	Upper
252	100		
253	148.9	18.9	28.3#
125	133.3	12.1	18.1#

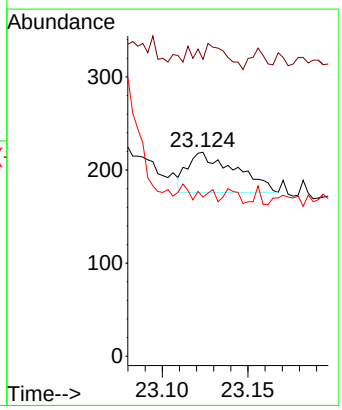


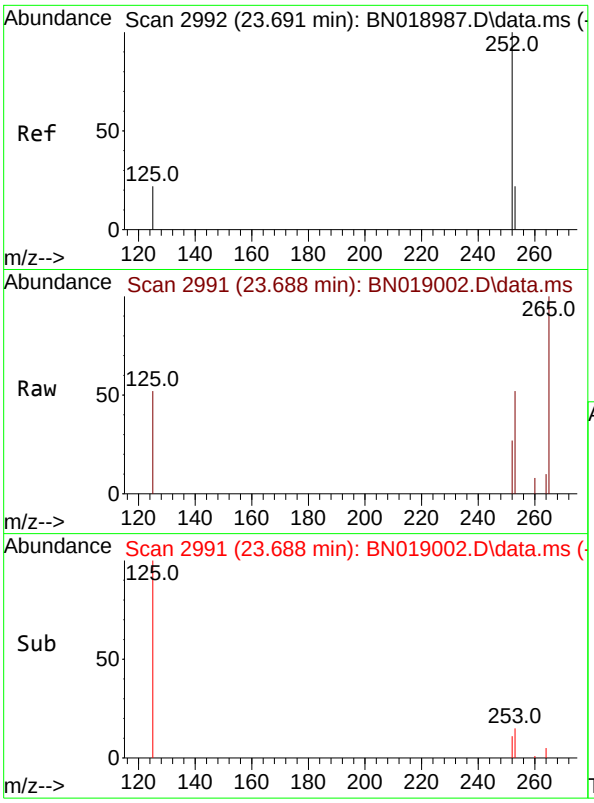


#38
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.124 min Scan# 2798
Delta R.T. 0.006 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:252 Resp: 83

Ion	Ratio	Lower	Upper
252	100		
253	145.7	18.9	28.3#
125	78.1	10.3	15.5#



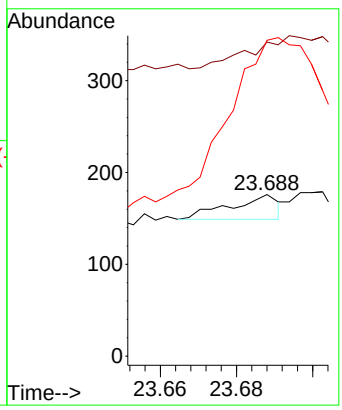


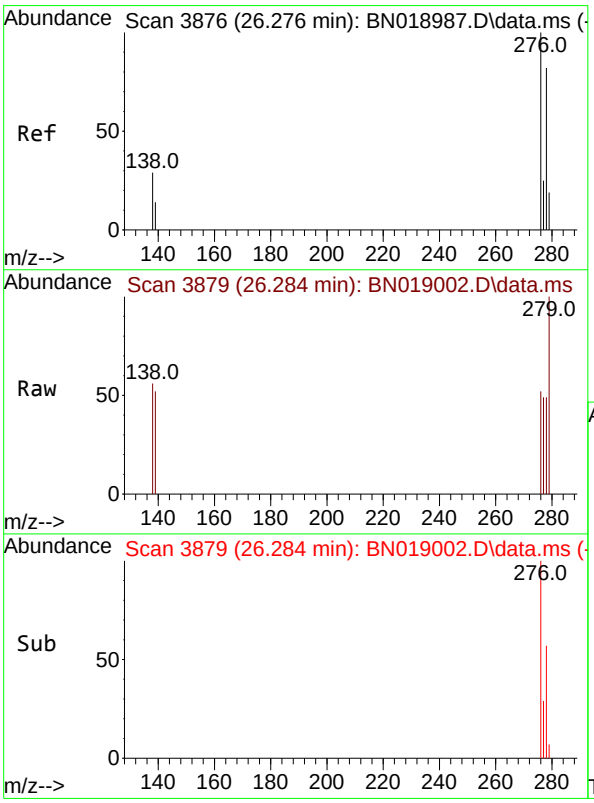
#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.688 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:252 Resp: 23

Ion	Ratio	Lower	Upper
252	100		
253	194.3	20.1	30.1#
125	195.5	15.2	22.8#

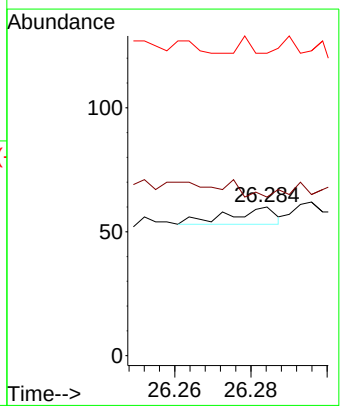


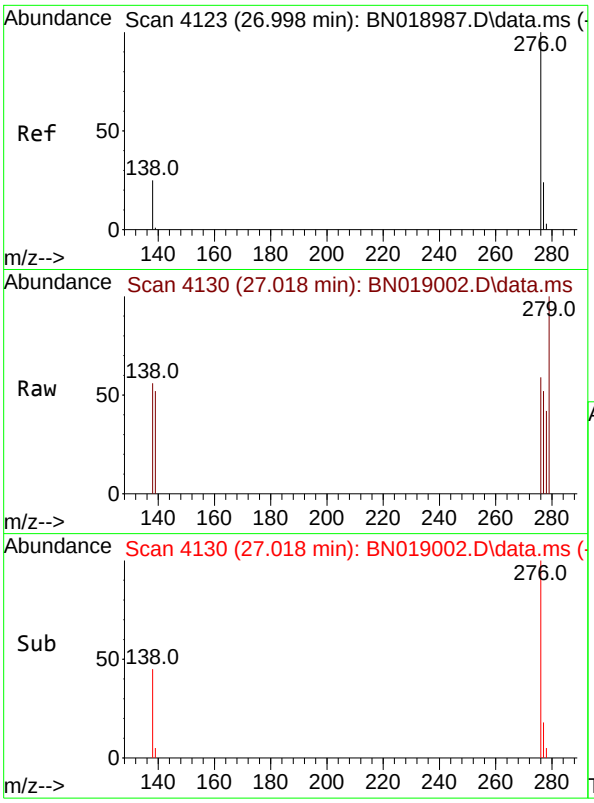


#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.284 min Scan# 3879
Delta R.T. 0.009 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Tgt Ion:278 Resp: 6

Ion	Ratio	Lower	Upper
278	100		
139	106.7	17.2	25.8#
279	203.3	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 27.018 min Scan# 4
Delta R.T. 0.020 min
Lab File: BN019002.D
Acq: 17 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
PB143257BL

Tgt Ion:276 Resp: 67

Ion	Ratio	Lower	Upper
276	100		
277	87.7	19.4	29.0#
138	95.9	21.0	31.6#