Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019184.D
Acq On : 26 Mar 2022 09:45
Operator : CG/JU
Sample : N2090-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-50

Quant Time: Mar 28 09:11:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4101	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11975	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8820	0.400	ng	# 0.00
19) Phenanthrene-d10	17.225	188	15063	0.400	ng	0.00
29) Chrysene-d12	21.413	240	12194	0.400	ng	# 0.00
35) Perylene-d12	23.776	264	10416	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1550	0.160	ng	0.00
5) Phenol-d6	7.009	99	699	0.063	ng	0.00
8) Nitrobenzene-d5	8.993	82	2701	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7508	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1546	0.361	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11111	0.300	ng	0.00
27) Fluoranthene-d10	19.257	212	19964	0.453	ng	0.00
31) Terphenyl-d14	19.851	244	11512	0.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	125	0.023	ng	# 1
3) n-Nitrosodimethylamine	3.543	42	900	0.147	ng	# 1
6) bis(2-Chloroethyl)ether	7.226	93	545	0.046	ng	# 1
9) Naphthalene	10.701	128	5907	0.175	ng	# 1
12) 2-Methylnaphthalene	12.306	142	678	0.031	ng	# 42
16) Acenaphthylene	14.206	152	3896	0.097	ng	# 2
17) Acenaphthene	14.538	154	38262	1.341	ng	99
18) Fluorene	15.532	166	13304	0.367	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.575	198	59	0.024	ng	# 1
25) Phenanthrene	17.266	178	2436	0.050	ng	95
26) Anthracene	17.359	178	22007	0.549	ng	# 93
28) Fluoranthene	19.286	202	73277	1.342	ng	99
30) Pyrene	19.649	202	45856	0.796	ng	# 94
32) Benzo(a)anthracene	21.395	228	3498	0.089	ng	# 85
33) Chrysene	21.395	228	3451	0.069	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.324	149	3810	0.160	ng	# 96

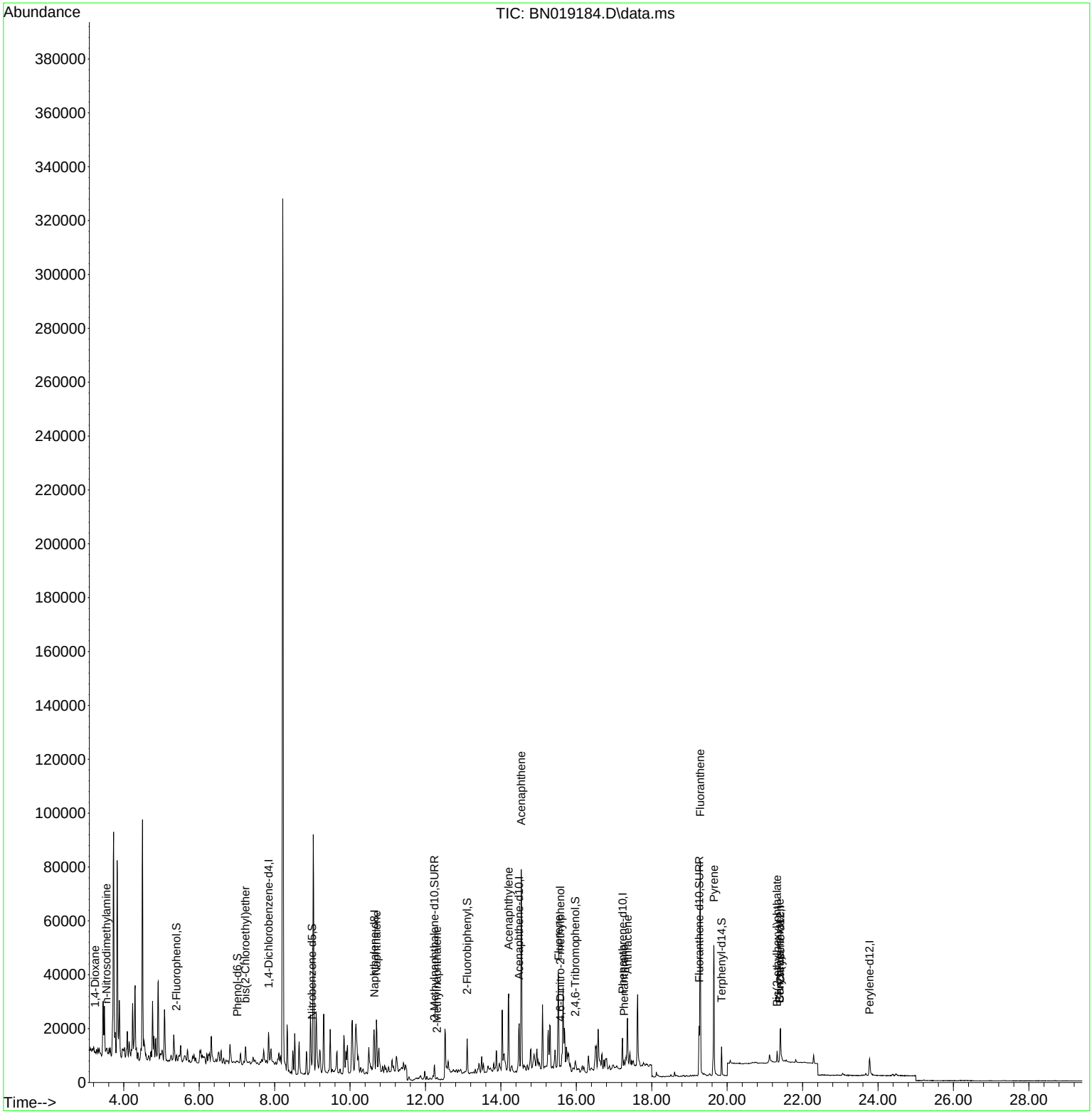
(#) = qualifier out of range (m) = manual integration (+) = signals summed

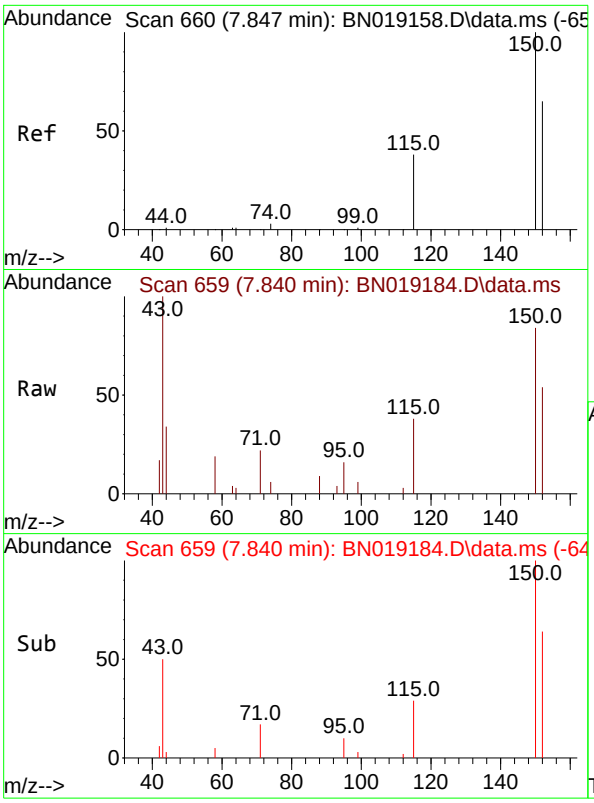
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019184.D
Acq On : 26 Mar 2022 09:45
Operator : CG/JU
Sample : N2090-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-50

Quant Time: Mar 28 09:11:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration



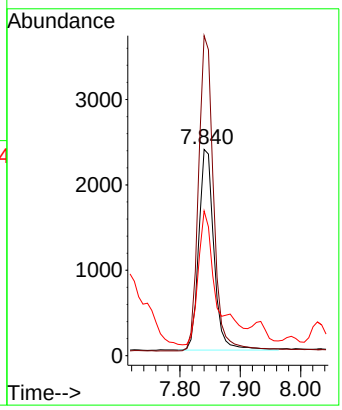


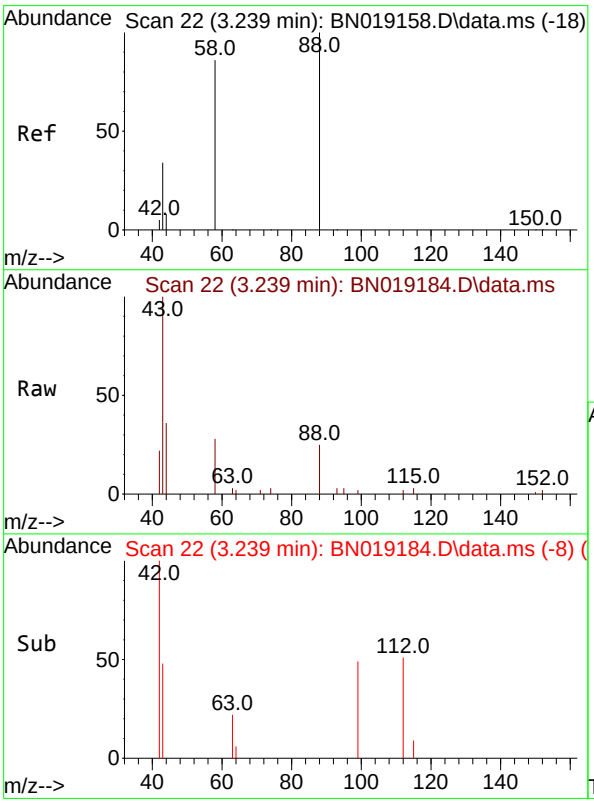
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:152 Resp: 4101

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.9	185.9
115	70.2	48.2	72.4

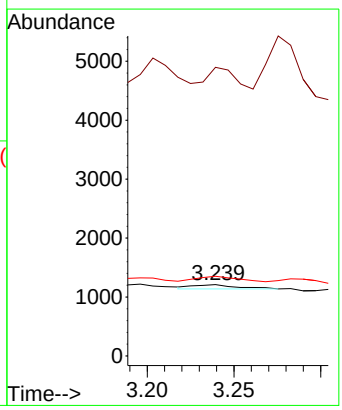


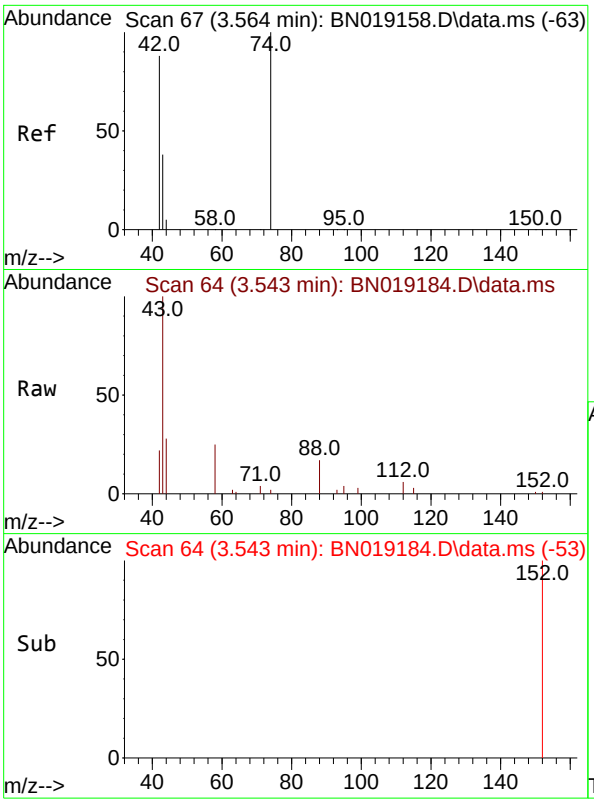


#2
1,4-Dioxane
Concen: 0.023 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	309.6	24.6	37.0#
58	113.6	65.4	98.2#



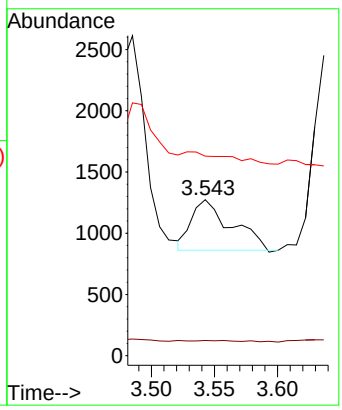


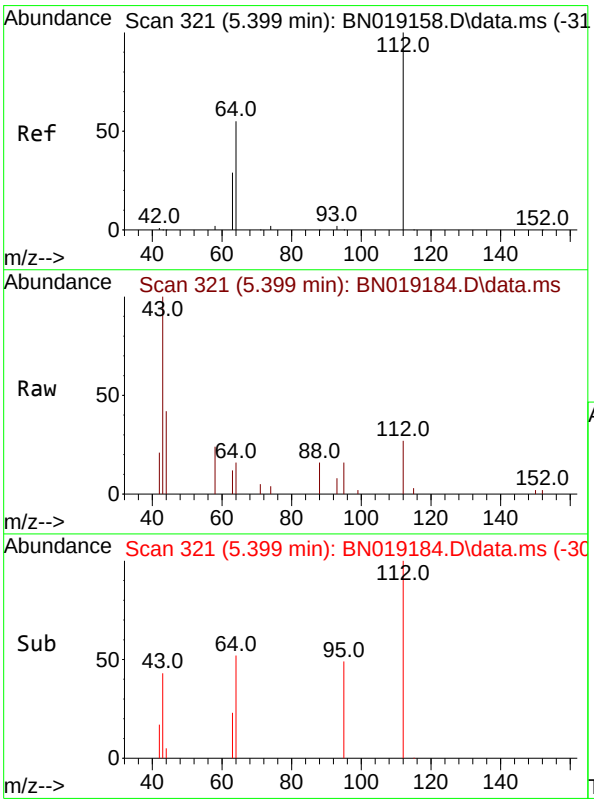
#3
n-Nitrosodimethylamine
Concen: 0.147 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.022 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion: 42 Resp: 900

Ion	Ratio	Lower	Upper
42	100		
74	1.1	96.9	145.3#
44	0.0	7.3	10.9#

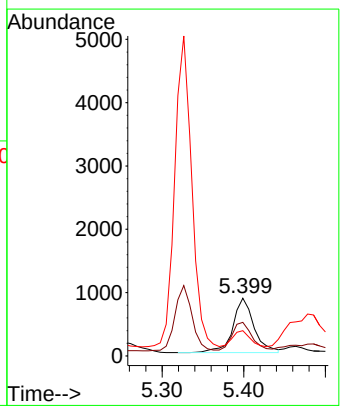


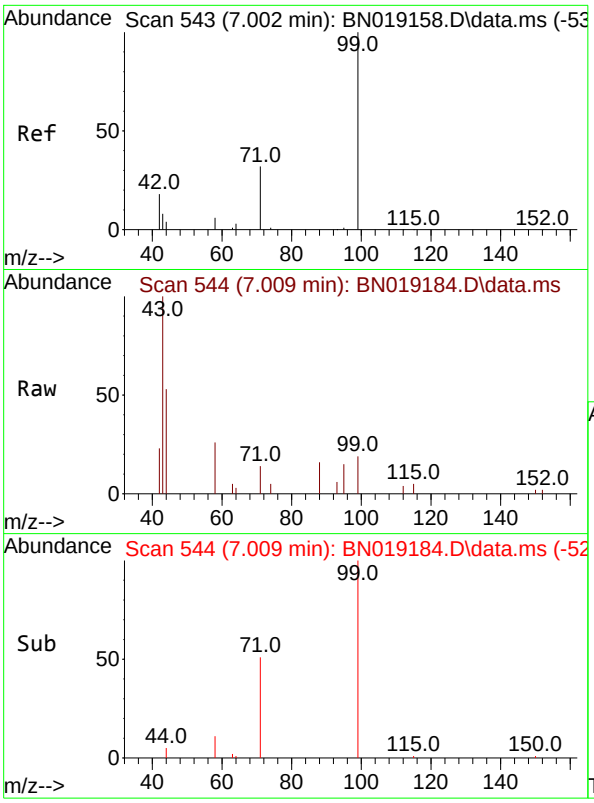


#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:112 Resp: 1550

Ion	Ratio	Lower	Upper
112	100		
64	46.6	47.8	71.8#
63	23.7	25.7	38.5#



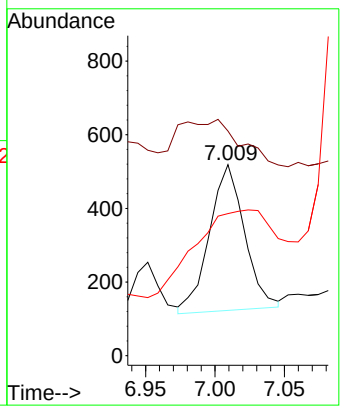


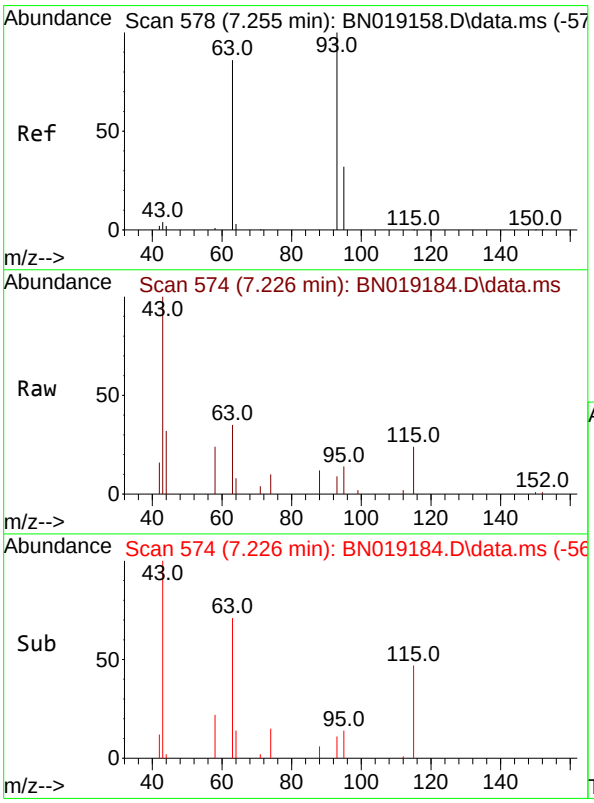
#5
Phenol-d6
Concen: 0.063 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion: 99 Resp: 699

Ion	Ratio	Lower	Upper
99	100		
42	57.4	16.2	24.4#
71	0.0	27.7	41.5#

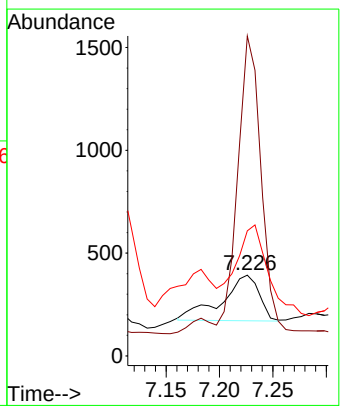


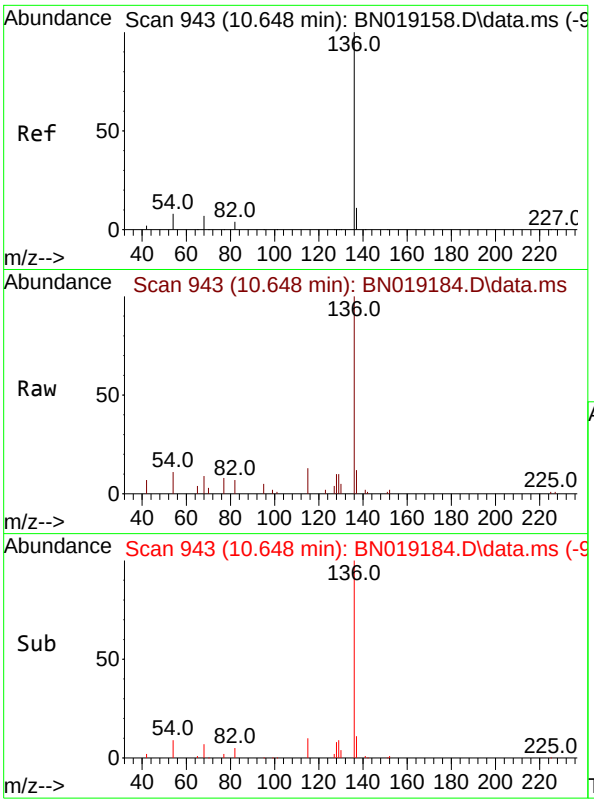


#6
bis(2-Chloroethyl)ether
Concen: 0.046 ng
RT: 7.226 min Scan# 574
Delta R.T. -0.029 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion: 93 Resp: 545

Ion	Ratio	Lower	Upper
93	100		
63	405.1	62.8	94.2#
95	173.4	26.2	39.4#



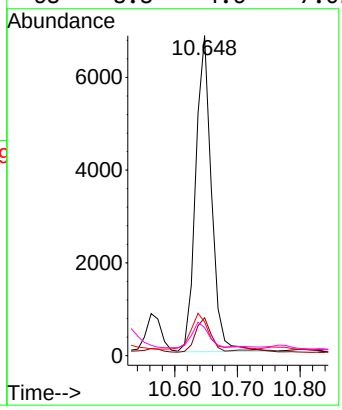


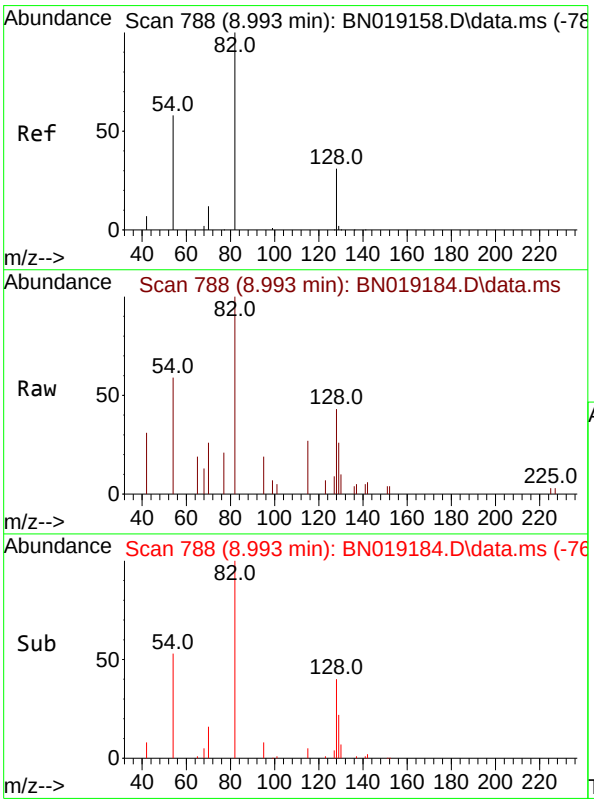
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:136 Resp: 11975

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.5	5.8	8.6#
68	8.8	4.6	7.0#

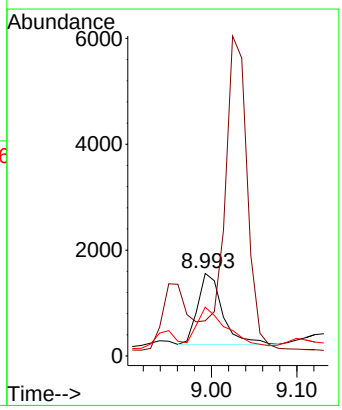


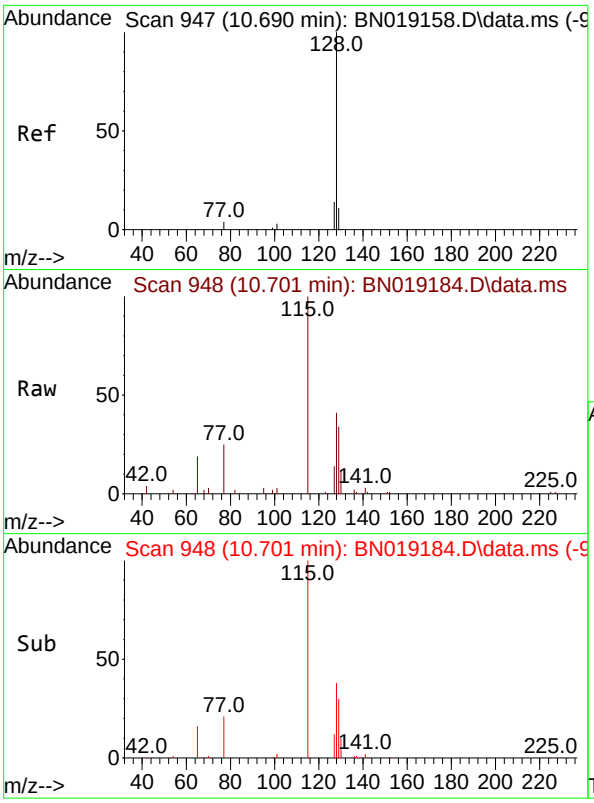


#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion: 82 Resp: 2701

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.6
54	59.1	42.5	63.7



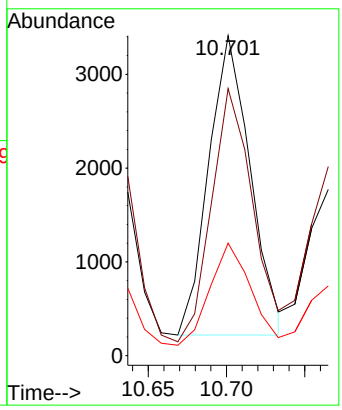


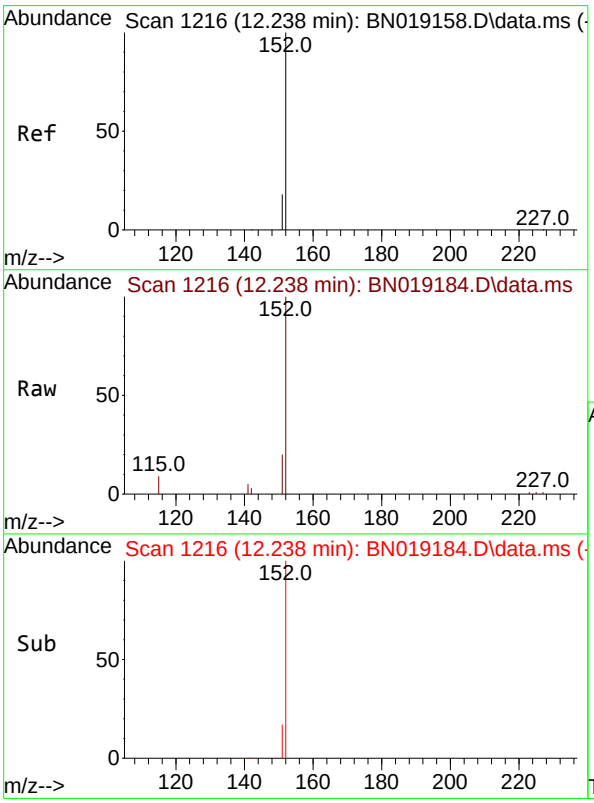
#9
Naphthalene
Concen: 0.175 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:128 Resp: 5907

Ion	Ratio	Lower	Upper
128	100		
129	83.5	9.0	13.4#
127	35.1	10.7	16.1#

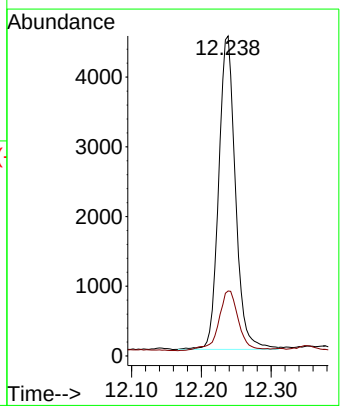


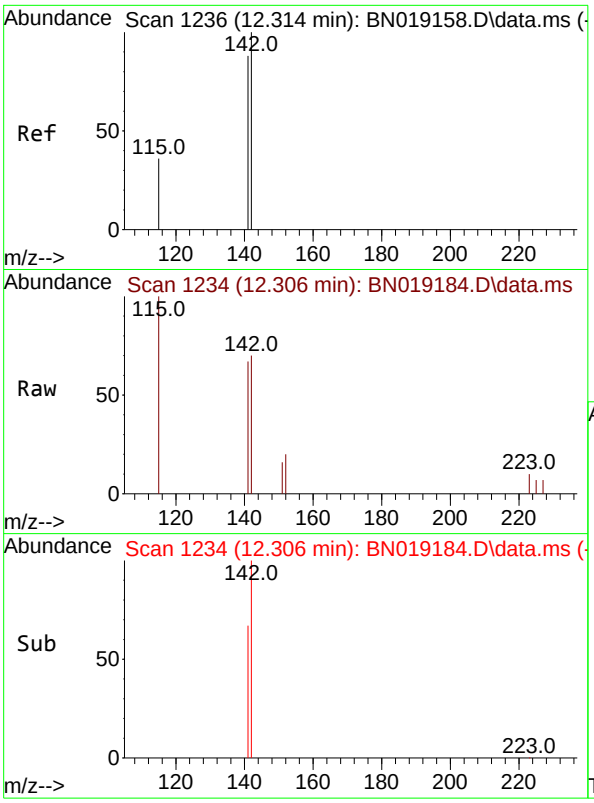


#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.238 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:152 Resp: 7508

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.5	24.7



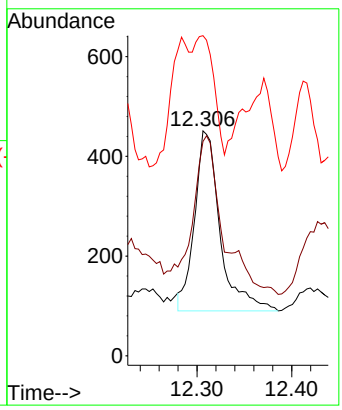


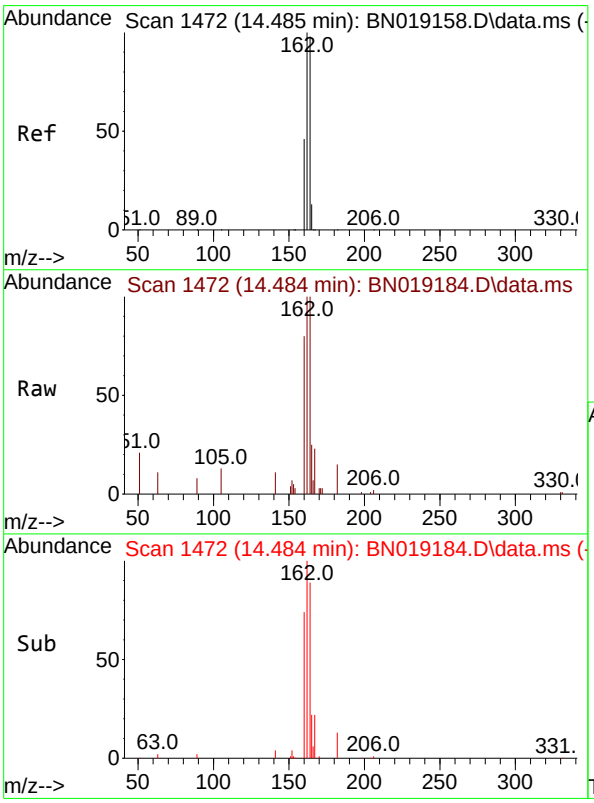
#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.306 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:142 Resp: 678

Ion	Ratio	Lower	Upper
142	100		
141	95.3	70.0	105.0
115	142.4	29.8	44.8#

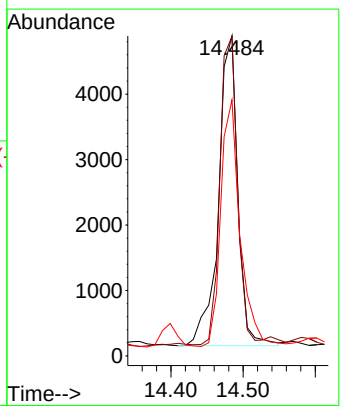


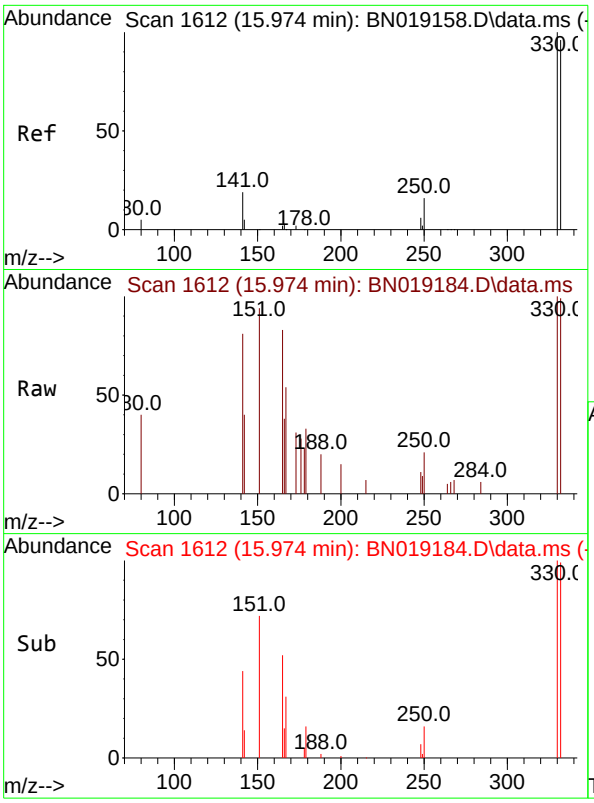


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:164 Resp: 8820

Ion	Ratio	Lower	Upper
164	100		
162	99.9	85.2	127.8
160	80.0	41.5	62.3#



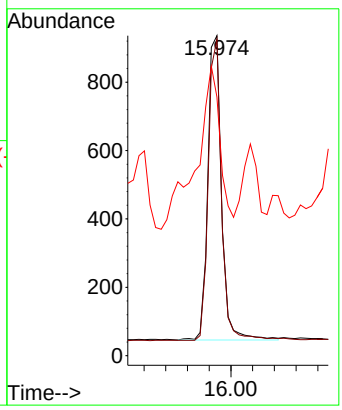


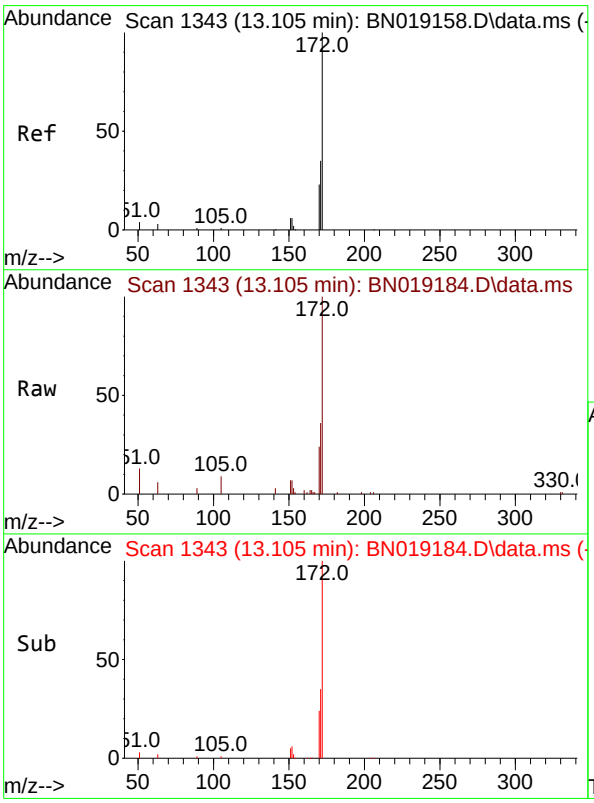
#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.974 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:330 Resp: 1546

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	73.7	32.2	48.2#

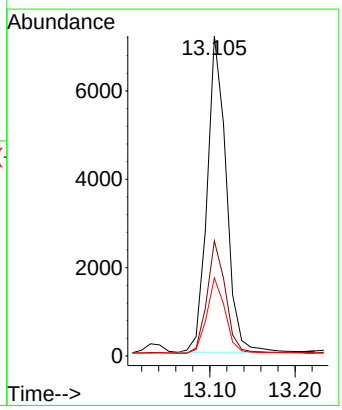


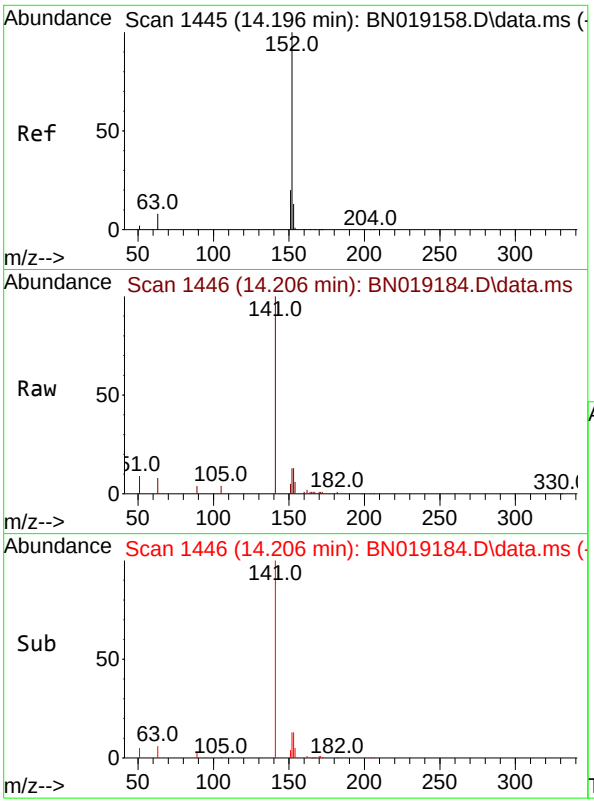


#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:172 Resp: 11111

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.4	18.7	28.1



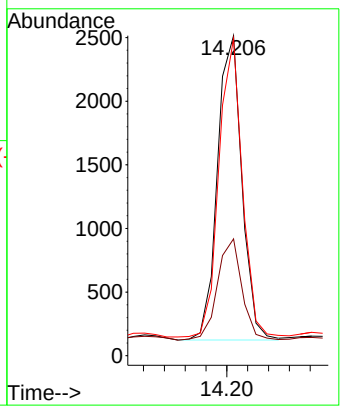


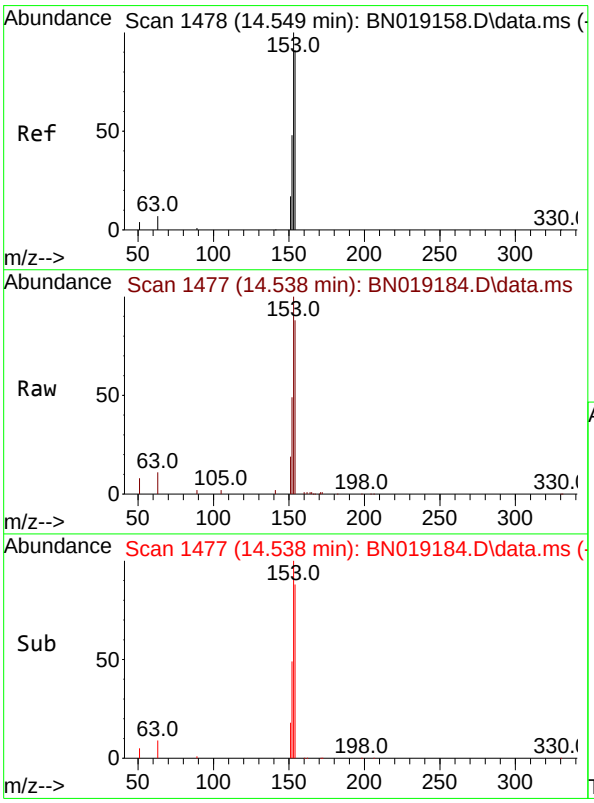
#16
Acenaphthylene
Concen: 0.097 ng
RT: 14.206 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:152 Resp: 3896

Ion	Ratio	Lower	Upper
152	100		
151	33.3	15.9	23.9#
153	93.4	10.6	15.8#

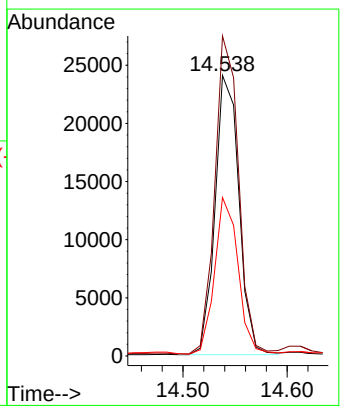


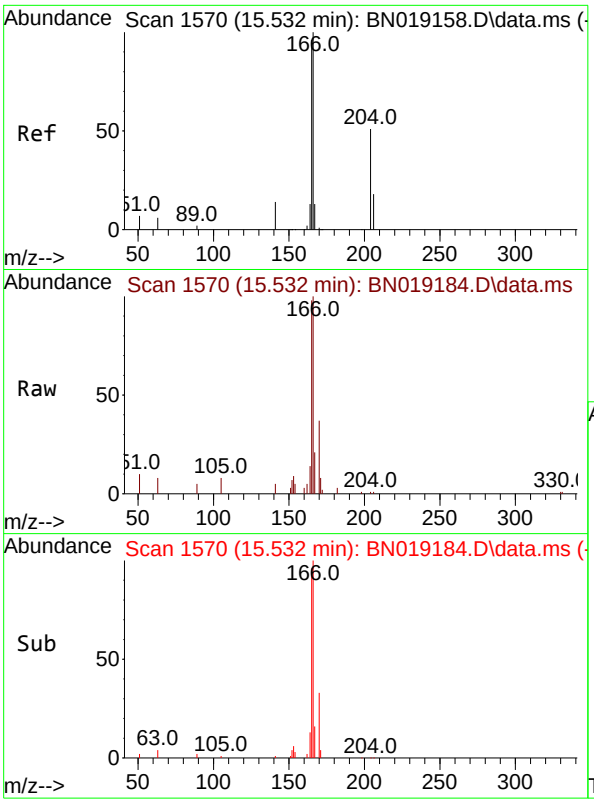


#17
Acenaphthene
Concen: 1.341 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:154 Resp: 38262

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.7	134.5
152	55.3	44.7	67.1



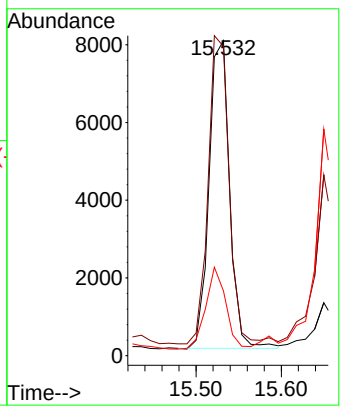


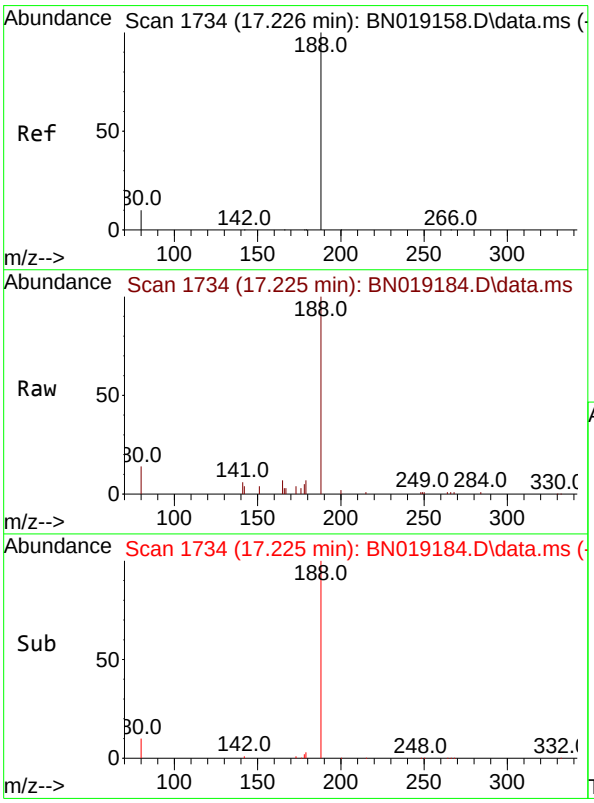
#18
Fluorene
Concen: 0.367 ng
RT: 15.532 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:166 Resp: 13304

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.2	118.8
167	26.0	10.7	16.1#

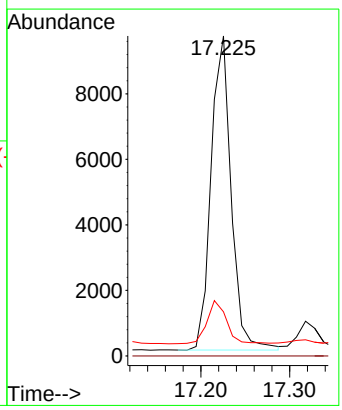


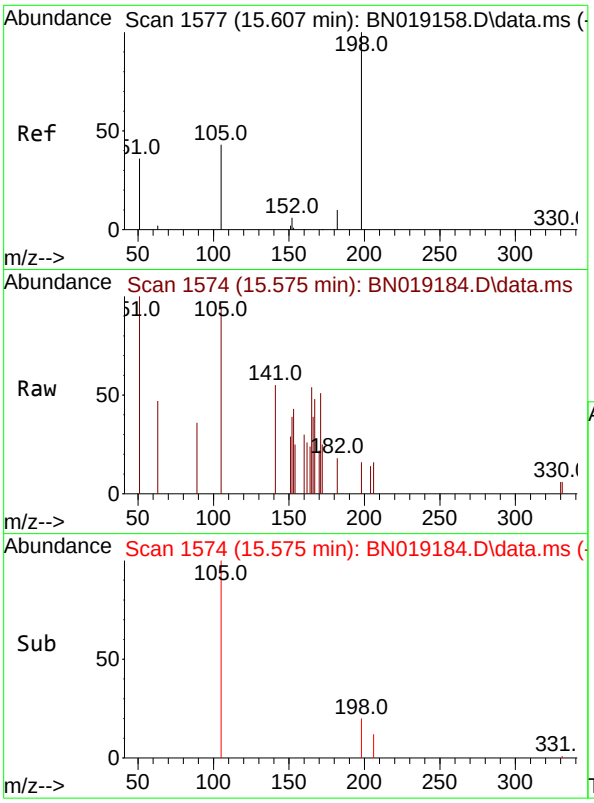


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:188 Resp: 15063

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	11.8	17.8



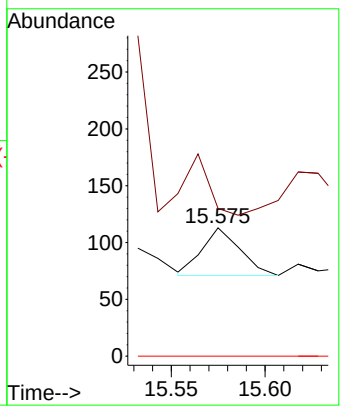


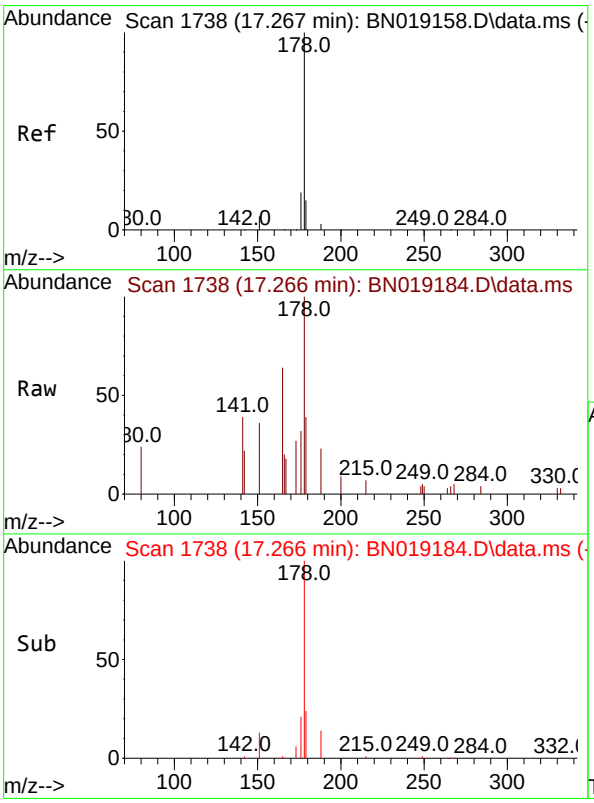
#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.575 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:198 Resp: 59

Ion	Ratio	Lower	Upper
198	100		
182	115.0	13.0	19.4#
77	0.0	0.0	0.0

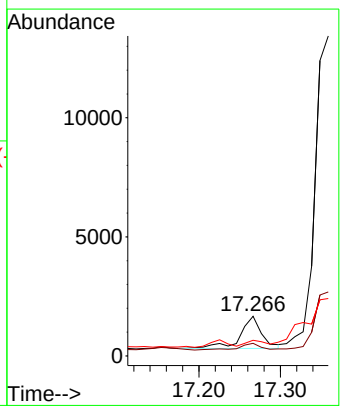


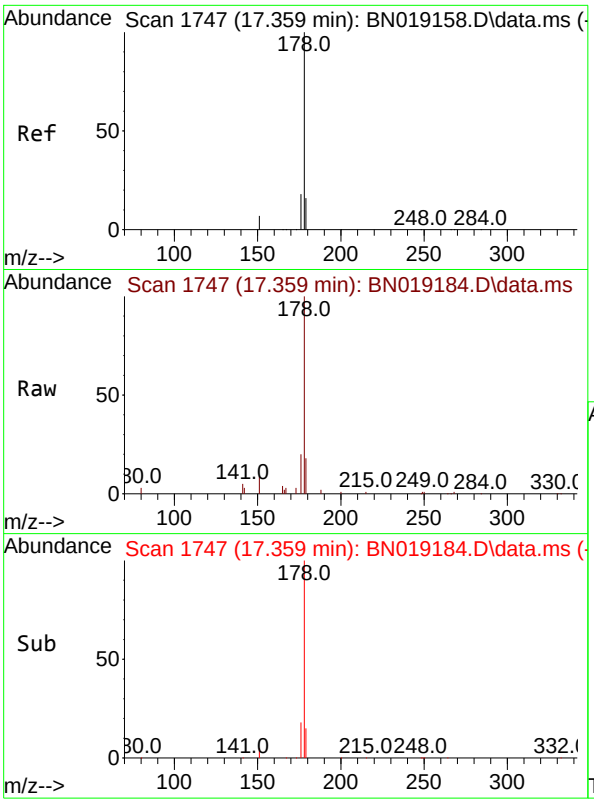


#25
Phenanthrene
Concen: 0.050 ng
RT: 17.266 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:178 Resp: 2436

Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.4	23.0
179	16.2	12.2	18.2



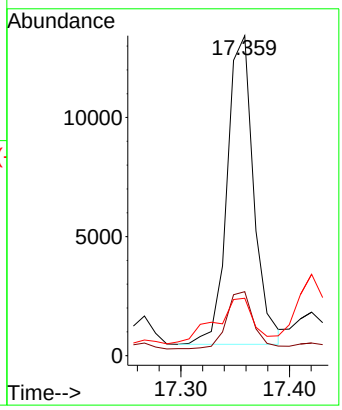


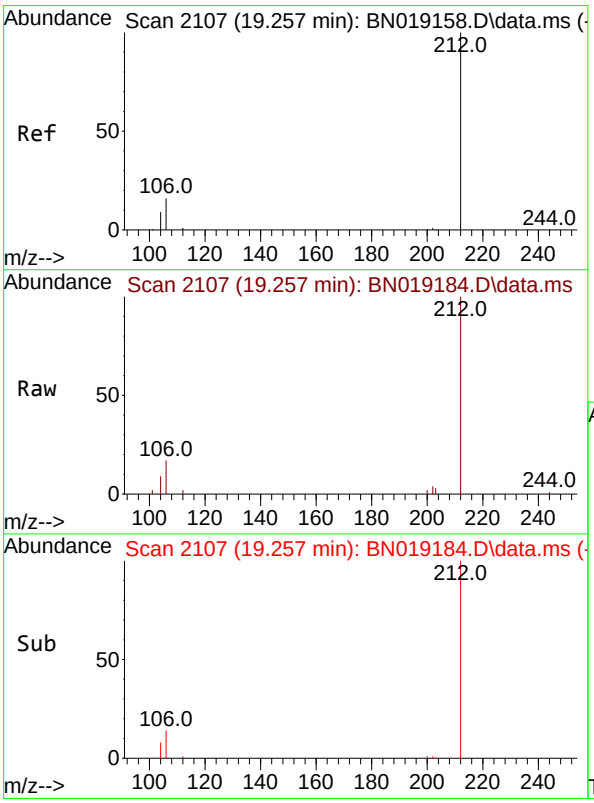
#26
Anthracene
Concen: 0.549 ng
RT: 17.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:178 Resp: 22007

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	21.4	12.2	18.4#

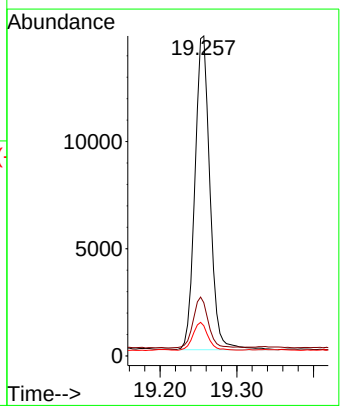


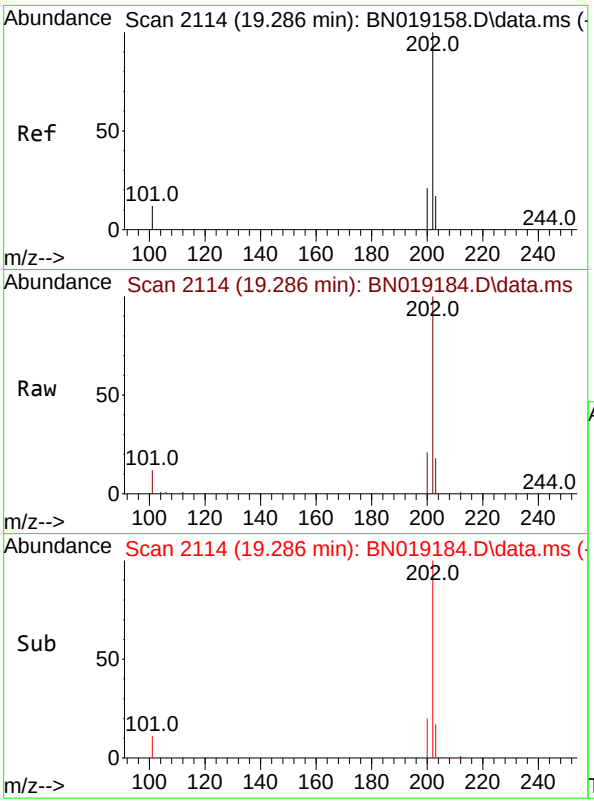


#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.257 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:212 Resp: 19964

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.7	19.1
104	8.9	7.1	10.7



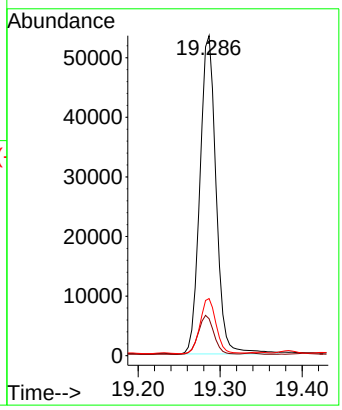


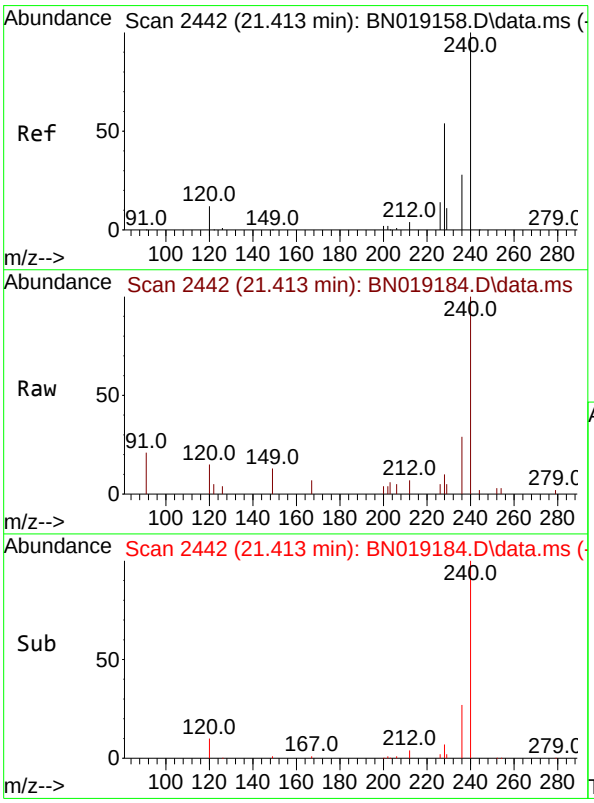
#28
Fluoranthene
Concen: 1.342 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:202 Resp: 73277

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

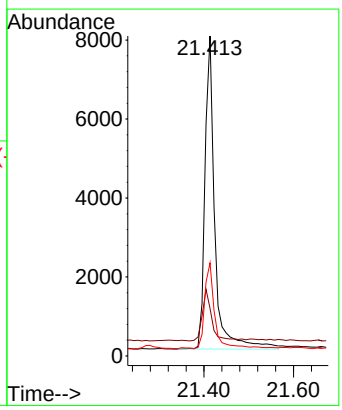


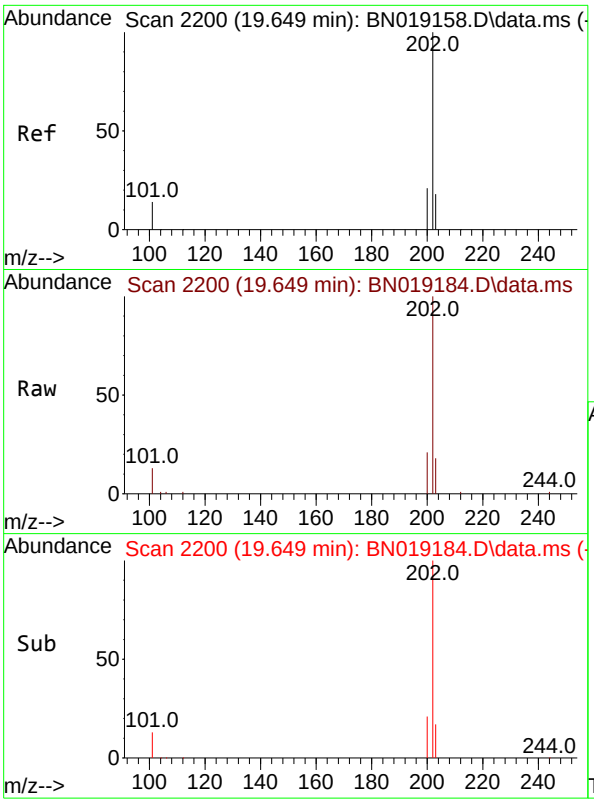


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:240 Resp: 12194

Ion	Ratio	Lower	Upper
240	100		
120	14.9	8.5	12.7#
236	29.1	22.4	33.6



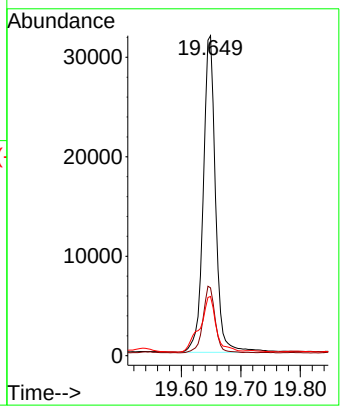


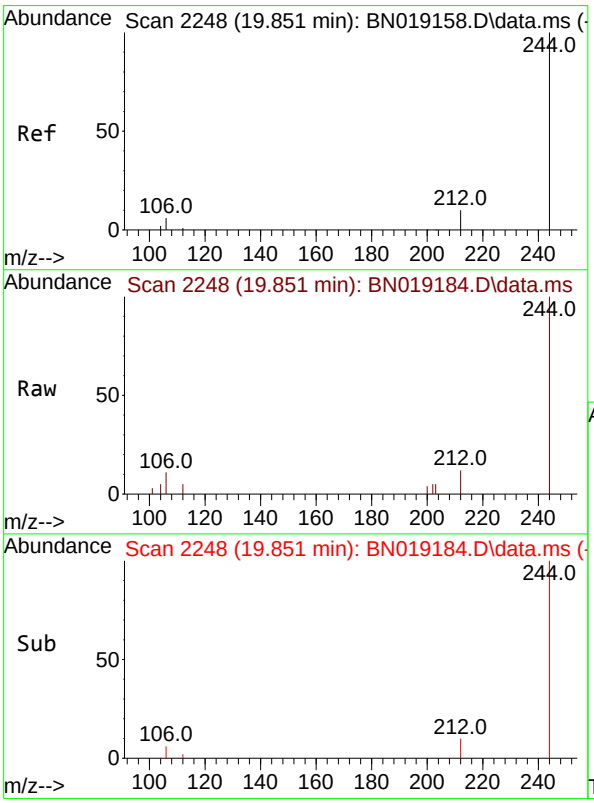
#30
Pyrene
Concen: 0.796 ng
RT: 19.649 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:202 Resp: 45856

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	23.0	14.2	21.2#

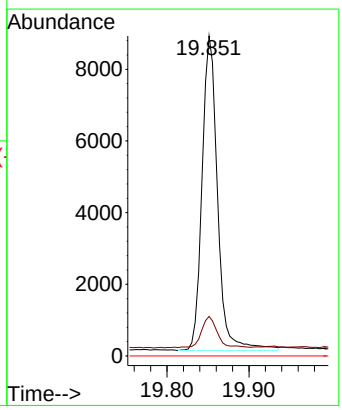


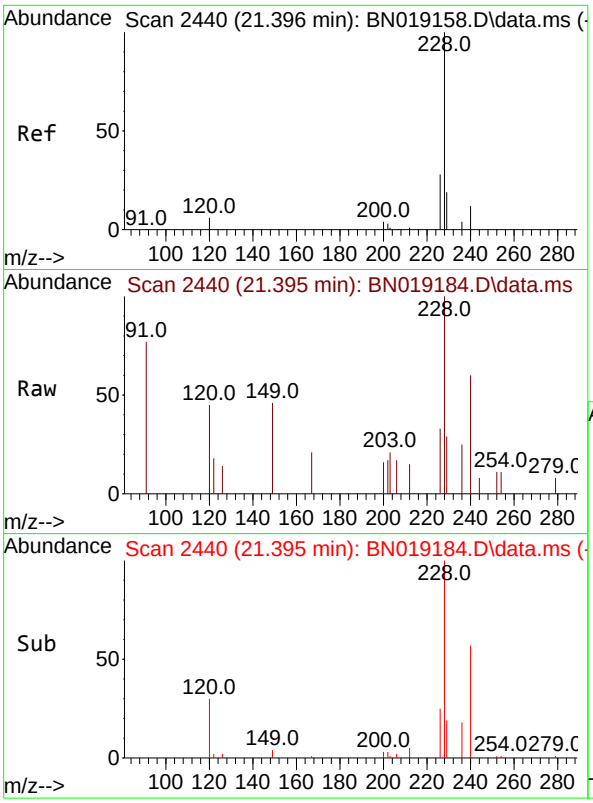


#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.851 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:244 Resp: 11512

Ion	Ratio	Lower	Upper
244	100		
212	12.3	8.2	12.4
122	0.0	0.0	0.0



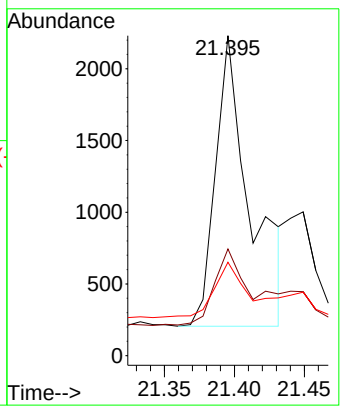


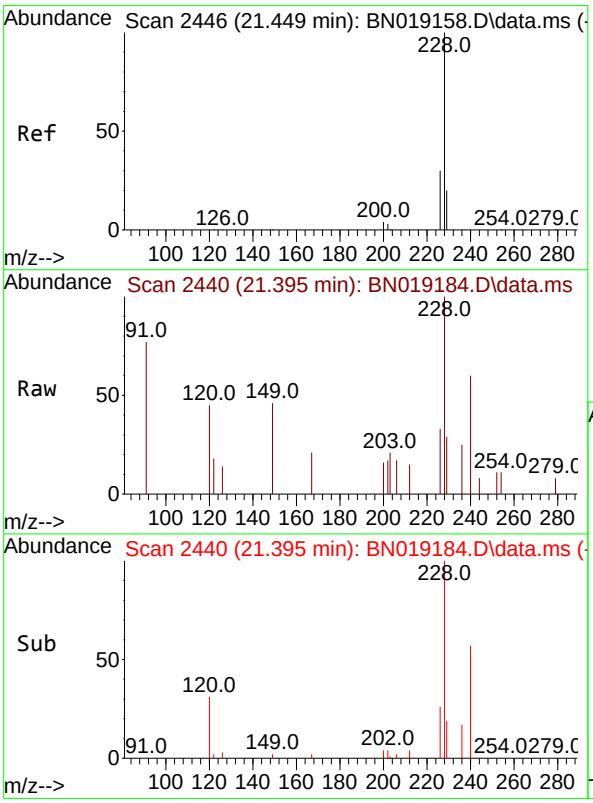
#32
Benzo(a)anthracene
Concen: 0.089 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:228 Resp: 3498

Ion	Ratio	Lower	Upper
228	100		
226	33.3	21.9	32.9#
229	29.2	16.0	24.0#

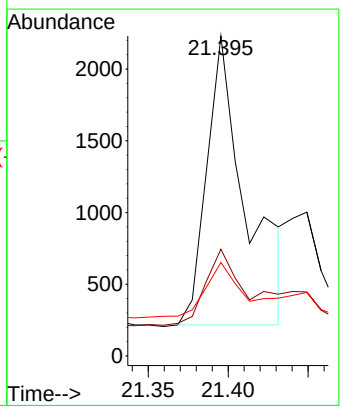


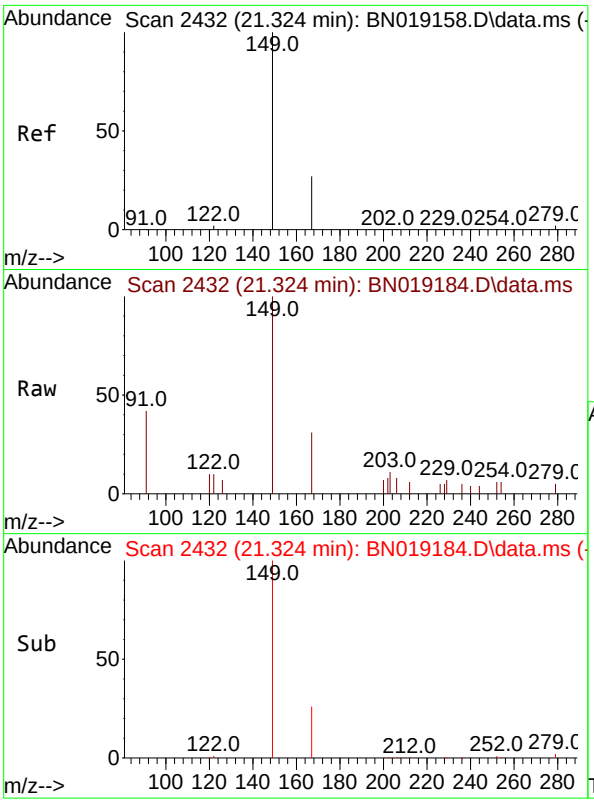


#33
Chrysene
Concen: 0.069 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.054 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:228 Resp: 3451

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.0	36.0
229	29.2	15.9	23.9#



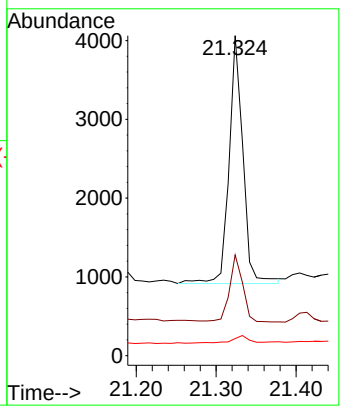


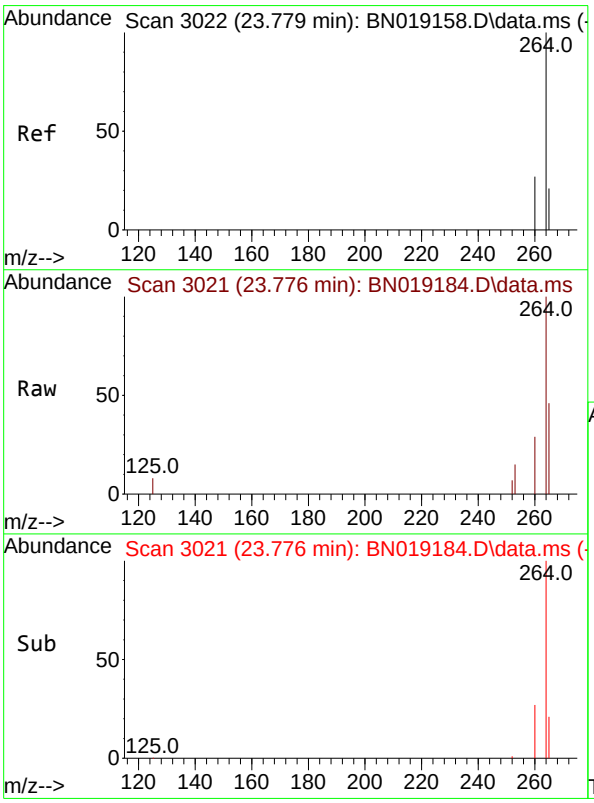
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 21.324 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Instrument :
BNA_N
ClientSampleId :
MW-50

Tgt Ion:149 Resp: 3810

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.8	32.8
279	4.2	2.0	3.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.776 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN019184.D
Acq: 26 Mar 2022 09:45

Tgt Ion:264 Resp: 10416

Ion	Ratio	Lower	Upper
264	100		
260	28.5	22.4	33.6
265	45.9	25.3	37.9#