Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021760.D
Acq On : 14 Sep 2022 23:45
Operator : CG/JU
Sample : PB147574BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Quant Time: Sep 15 02:13:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	4535	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	14161	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	8611	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	19133	0.400	ng		0.00
29) Chrysene-d12	21.647	240	14827	0.400	ng		0.00
35) Perylene-d12	24.154	264	11624	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	4597	0.387	ng		0.00
5) Phenol-d6	7.209	99	5874	0.390	ng		0.00
8) Nitrobenzene-d5	9.233	82	4396	0.375	ng		0.00
11) 2-Methylnaphthalene-d10	12.471	152	13803	0.386	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	1432	0.364	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	13609	0.387	ng		0.00
27) Fluoranthene-d10	19.490	212	19415	0.377	ng		0.00
31) Terphenyl-d14	20.080	244	13421	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2264	0.386	ng		98
3) n-Nitrosodimethylamine	3.735	42	2278	0.383	ng	#	93
6) bis(2-Chloroethyl)ether	7.469	93	5584	0.374	ng		99
9) Naphthalene	10.930	128	16009	0.383	ng		99
10) Hexachlorobutadiene	11.218	225	2720	0.390	ng	#	99
12) 2-Methylnaphthalene	12.176	142	3356	0.374	ng		99
16) Acenaphthylene	14.429	152	14826	0.361	ng		99
17) Acenaphthene	14.771	154	10645	0.379	ng		99
18) Fluorene	15.747	166	14252	0.382	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	4397	0.373	ng		92
22) Hexachlorobenzene	16.763	284	5150	0.388	ng		99
23) Atrazine	16.913	200	3428	0.352	ng		99
24) Pentachlorophenol	17.109	266	1630	0.328	ng		99
25) Phenanthrene	17.502	178	24691	0.385	ng		100
26) Anthracene	17.594	178	20015	0.368	ng		100
28) Fluoranthene	19.519	202	26337	0.381	ng		100
30) Pyrene	19.882	202	29060	0.395	ng		99
32) Benzo(a)anthracene	21.629	228	21457	0.377	ng		99
33) Chrysene	21.683	228	23048	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	13102	0.345	ng		100
36) Indeno(1,2,3-cd)pyrene	26.794	276	19994	0.362	ng		100
37) Benzo(b)fluoranthene	23.382	252	20273	0.384	ng		98
38) Benzo(k)fluoranthene	23.432	252	19507	0.378	ng		98
39) Benzo(a)pyrene	24.040	252	15851	0.377	ng		95
40) Dibenzo(a,h)anthracene	26.814	278	15712	0.359	ng		98
41) Benzo(g,h,i)perylene	27.609	276	16213	0.360	ng		100

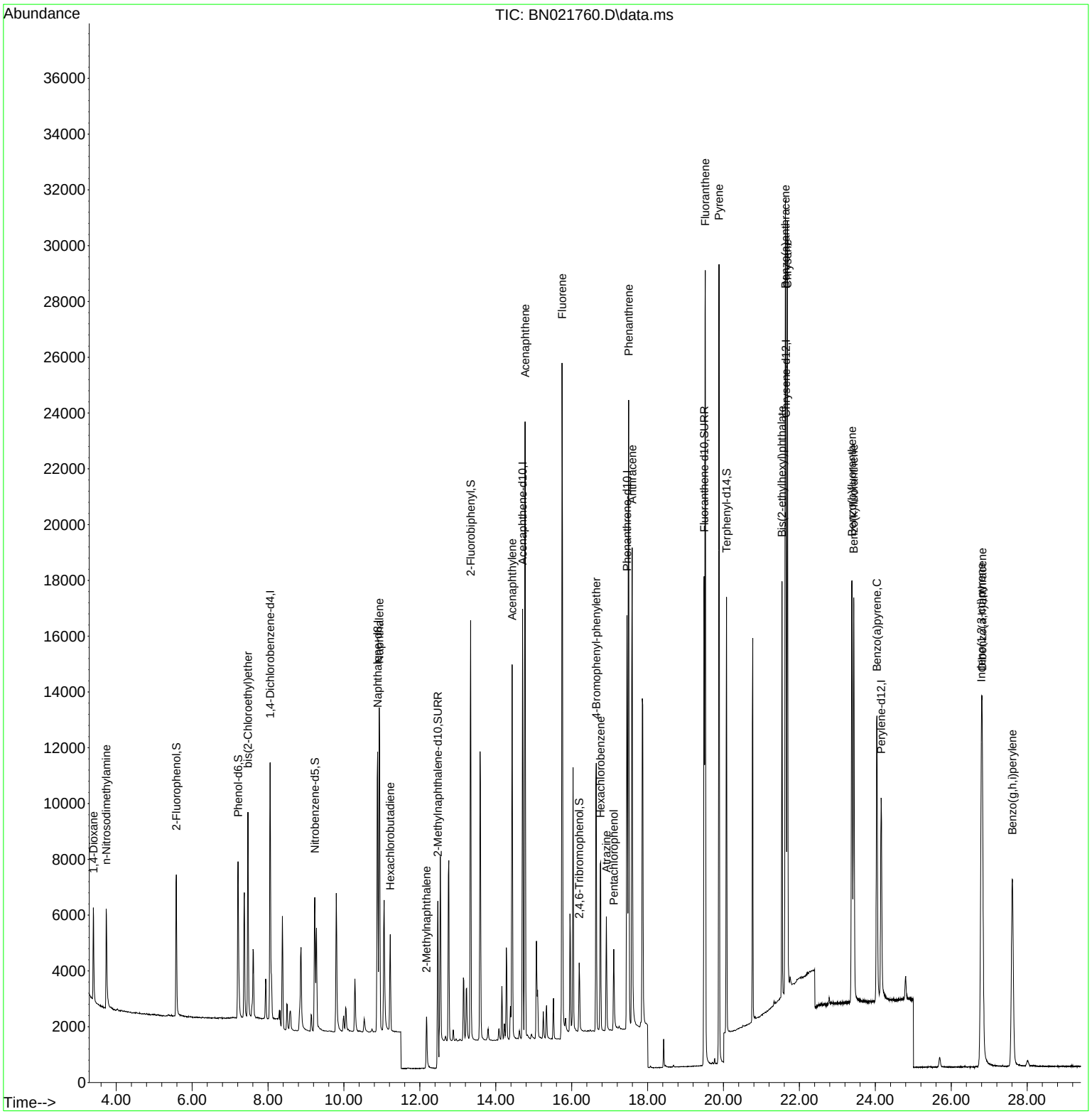
(#) = qualifier out of range (m) = manual integration (+) = signals summed

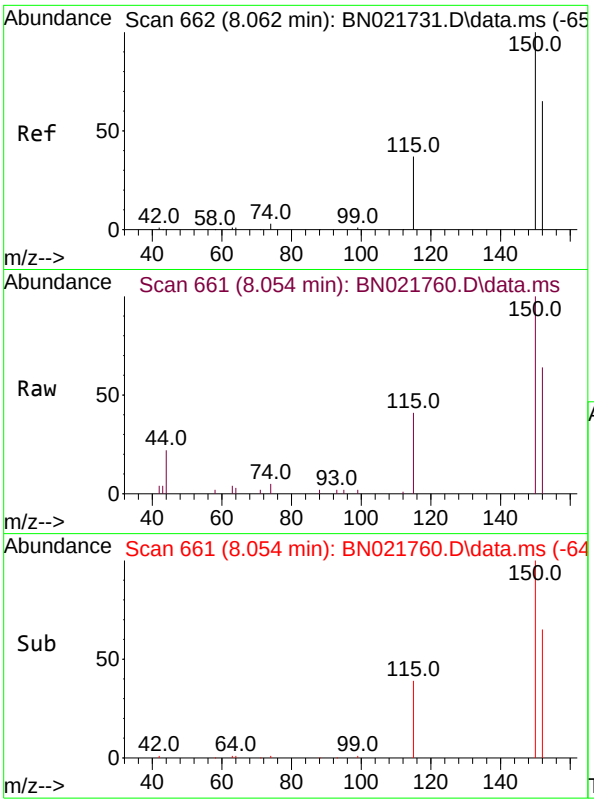
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021760.D
Acq On : 14 Sep 2022 23:45
Operator : CG/JU
Sample : PB147574BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Quant Time: Sep 15 02:13:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration



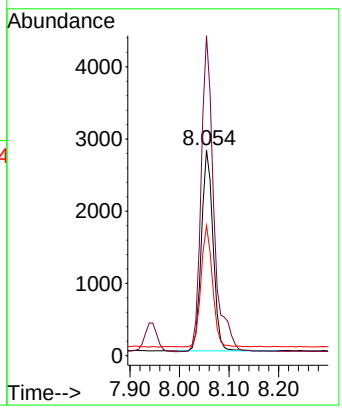


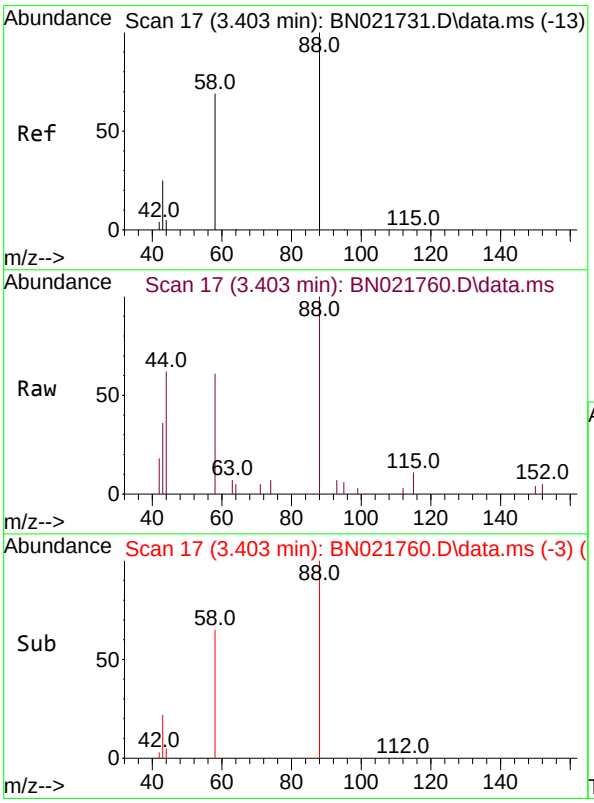
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:152 Resp: 4535

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.8	182.8
115	63.1	48.3	72.5

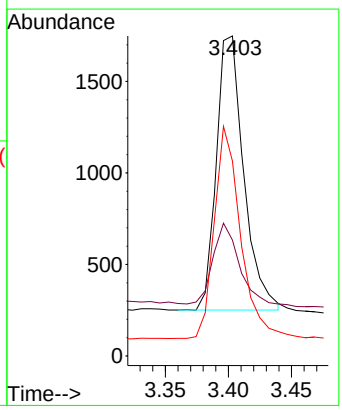


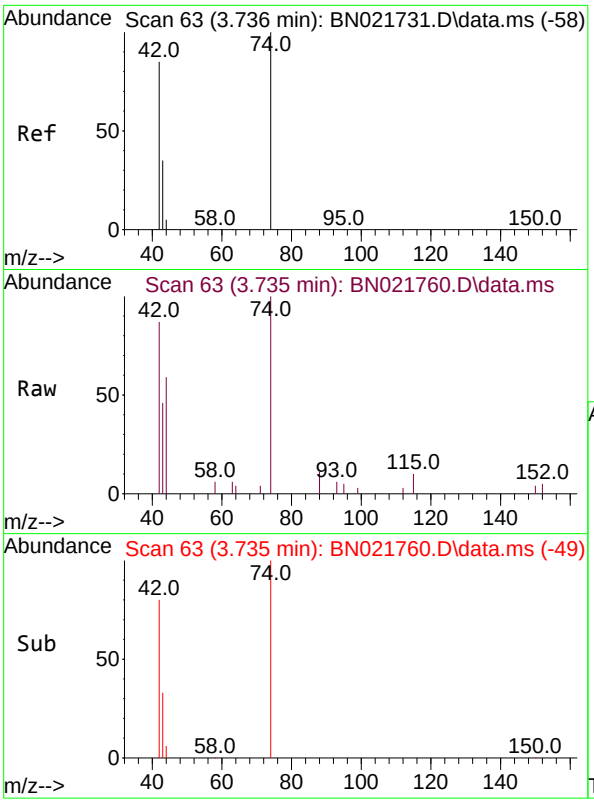


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 88 Resp: 2264

Ion	Ratio	Lower	Upper
88	100		
43	27.7	24.2	36.2
58	73.9	60.2	90.4



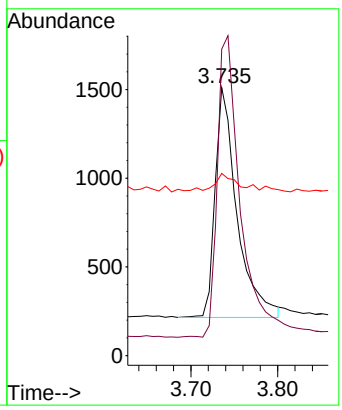


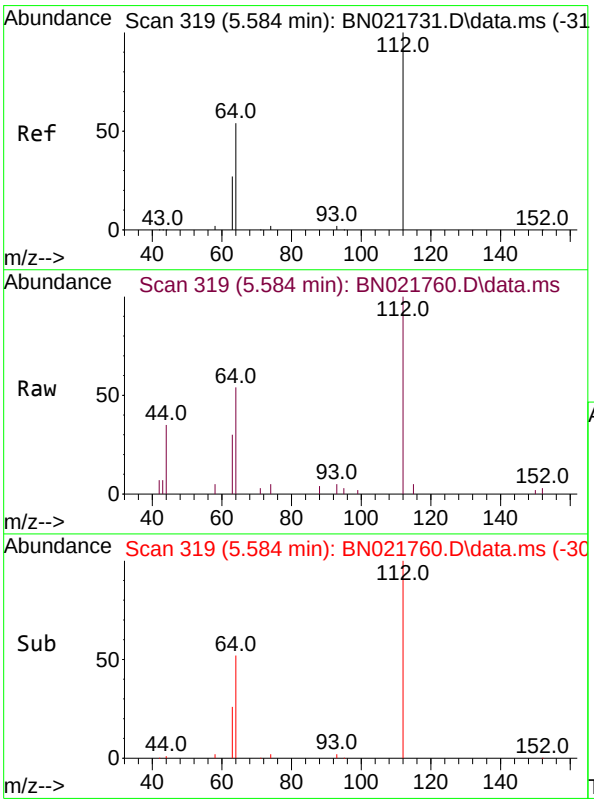
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion: 42 Resp: 2278

Ion	Ratio	Lower	Upper
42	100		
74	137.1	116.3	174.5
44	6.4	9.0	13.4#

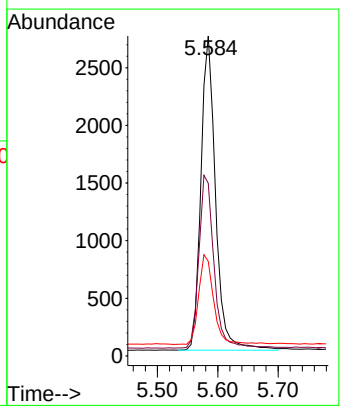


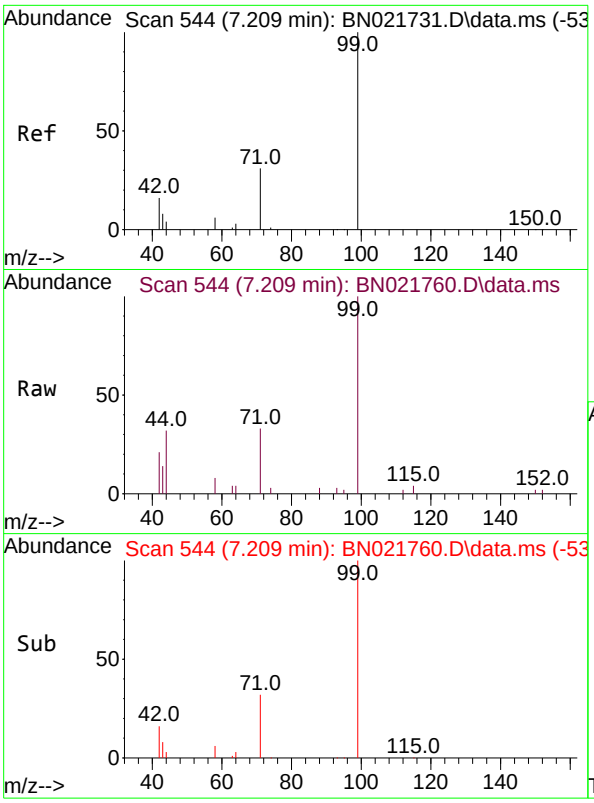


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:112 Resp: 4597

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.4	68.2
63	28.9	23.3	34.9



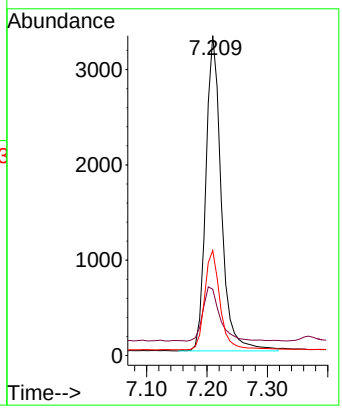


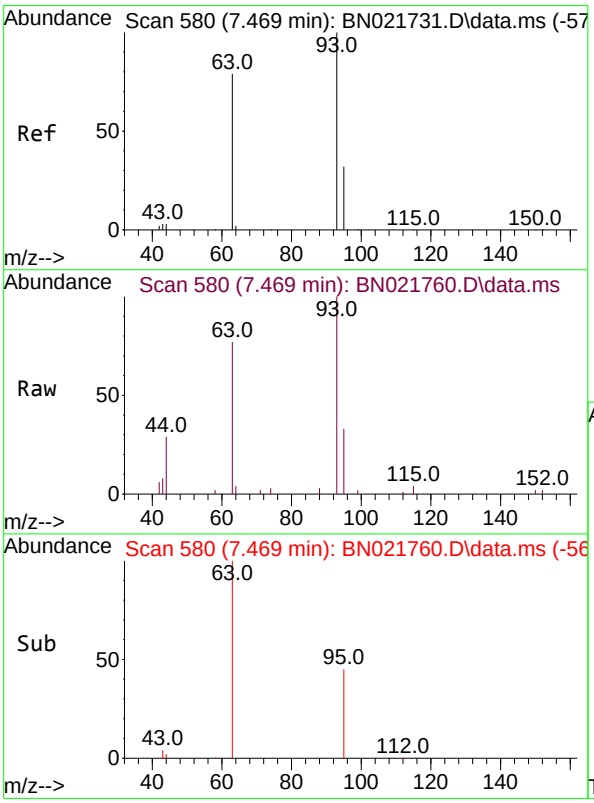
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion: 99 Resp: 5874

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	31.6	25.3	37.9

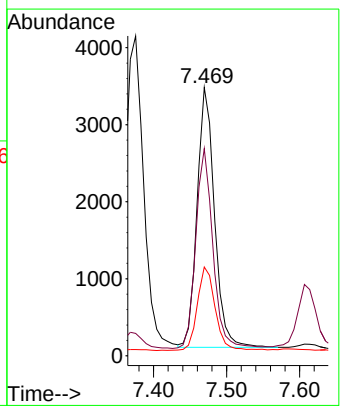


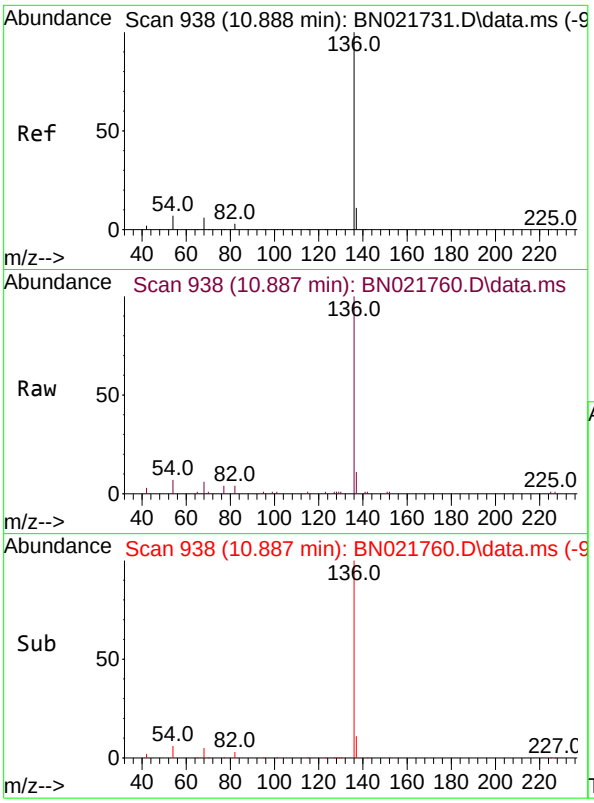


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 93 Resp: 5584

Ion	Ratio	Lower	Upper
93	100		
63	75.9	60.0	90.0
95	33.1	26.2	39.4



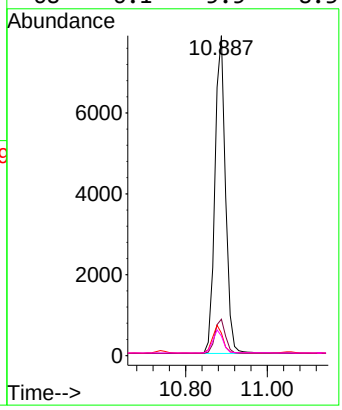


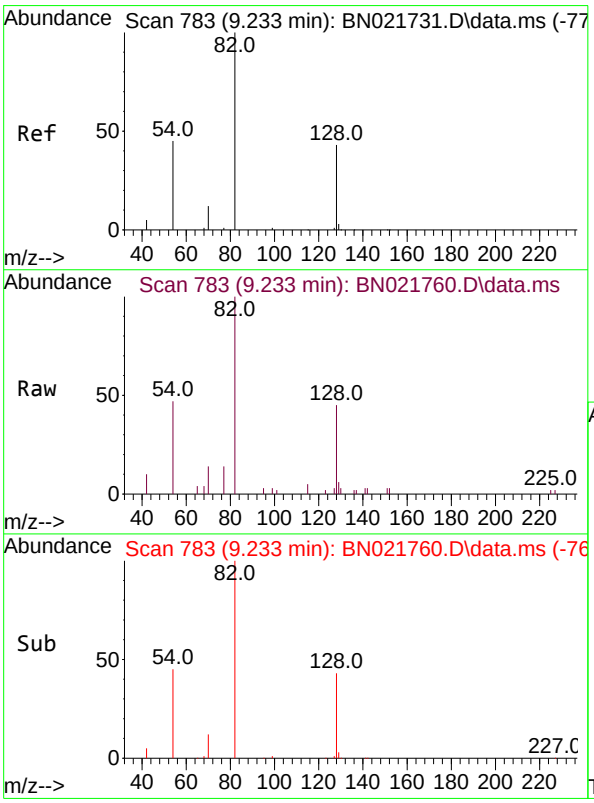
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:136 Resp: 14161

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.0	6.4	9.6
68	6.1	5.5	8.3

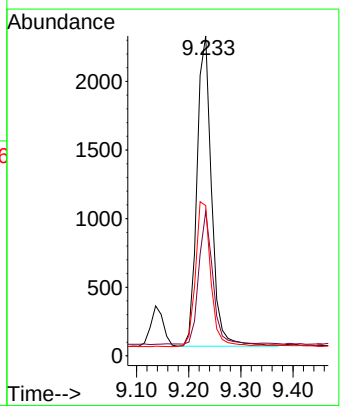


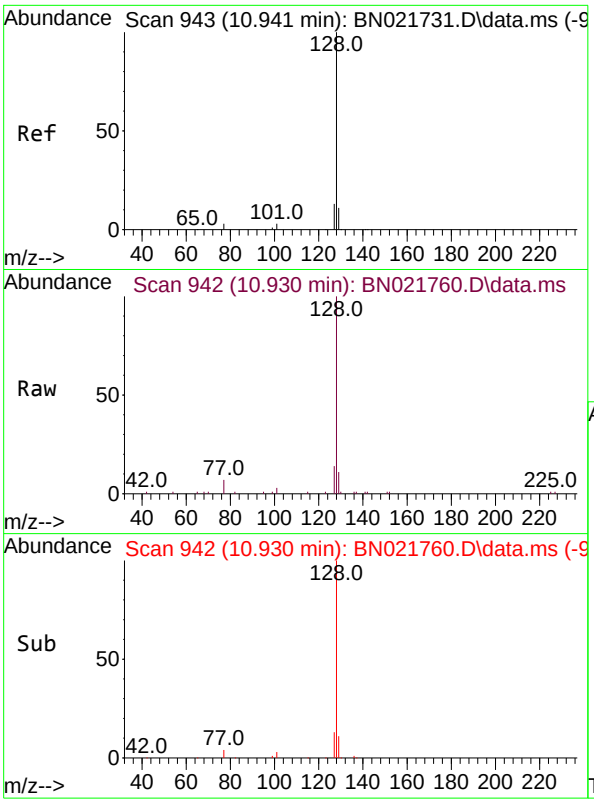


#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion: 82 Resp: 4396

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.6	53.4
54	47.0	37.8	56.8



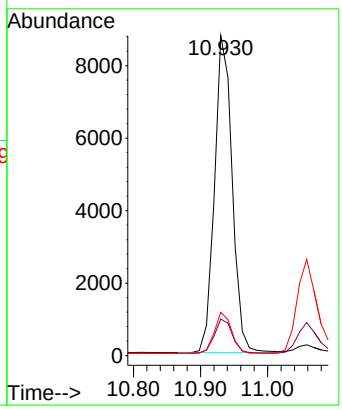


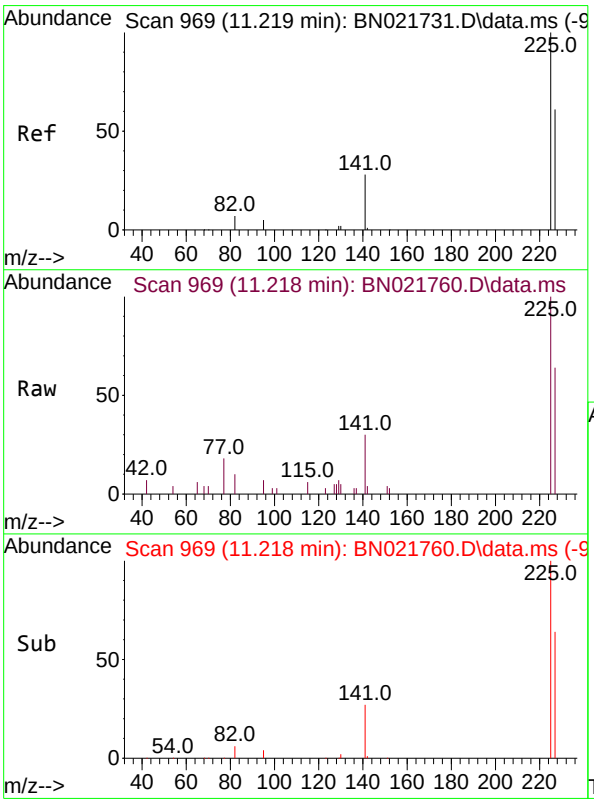
#9
Naphthalene
Concen: 0.383 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:128 Resp: 16009

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.5	10.5	15.7

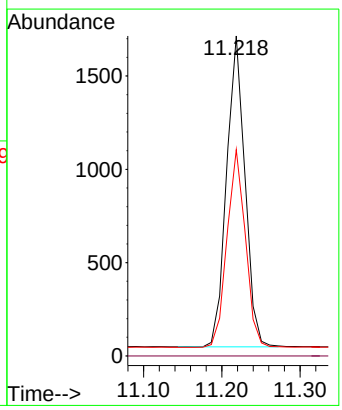


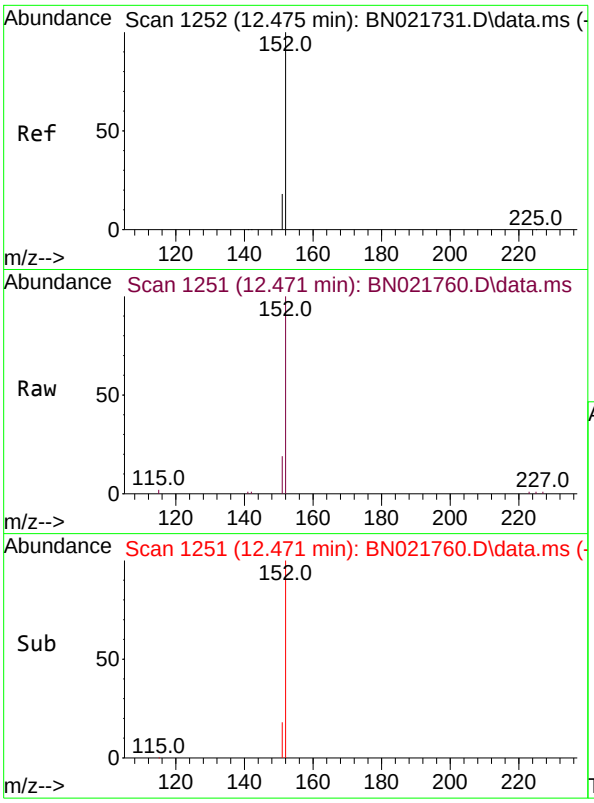


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.218 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:225 Resp: 2720

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.4	75.6



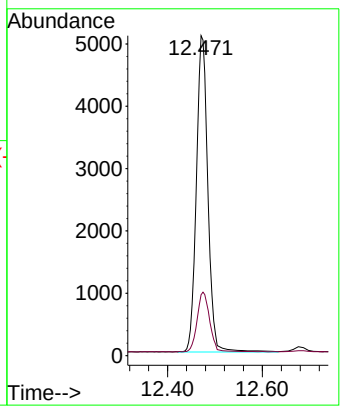


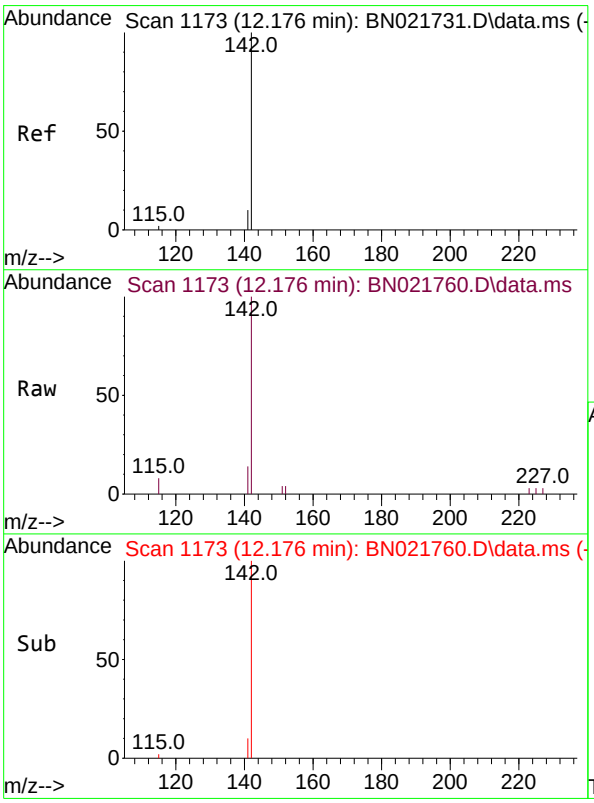
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:152 Resp: 13803

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.6	23.4

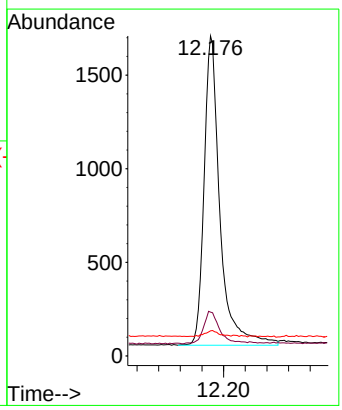


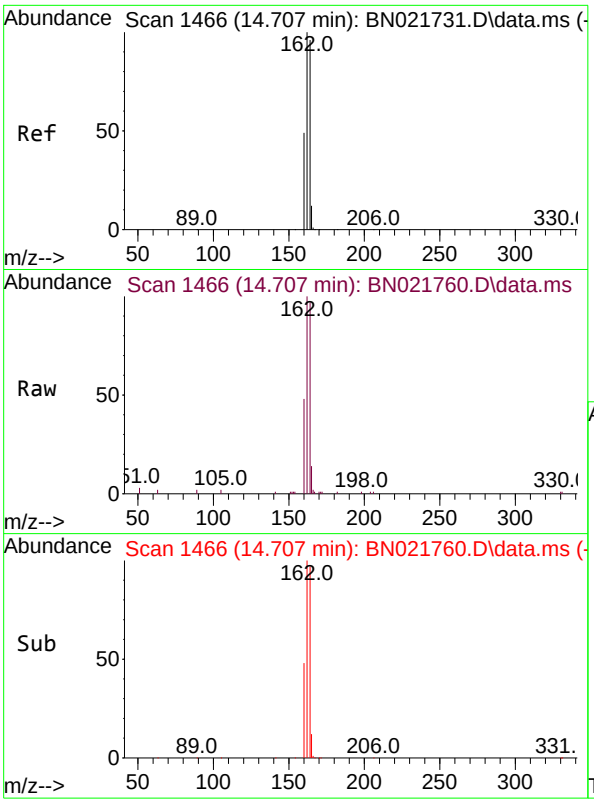


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:142 Resp: 3356

Ion	Ratio	Lower	Upper
142	100		
141	13.7	10.6	16.0
115	7.8	5.6	8.4



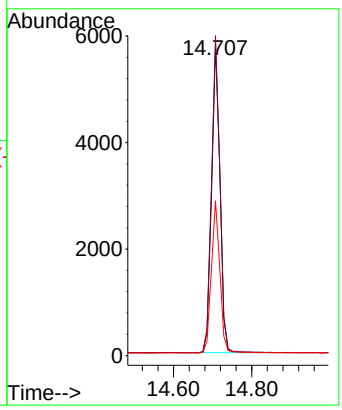


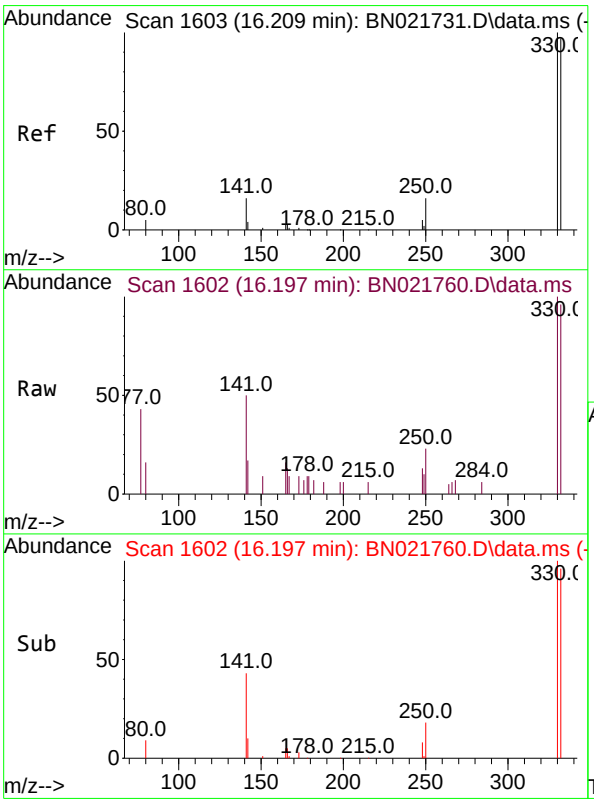
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:164 Resp: 8611

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	49.8	40.9	61.3

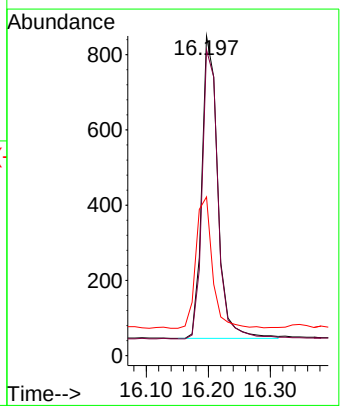


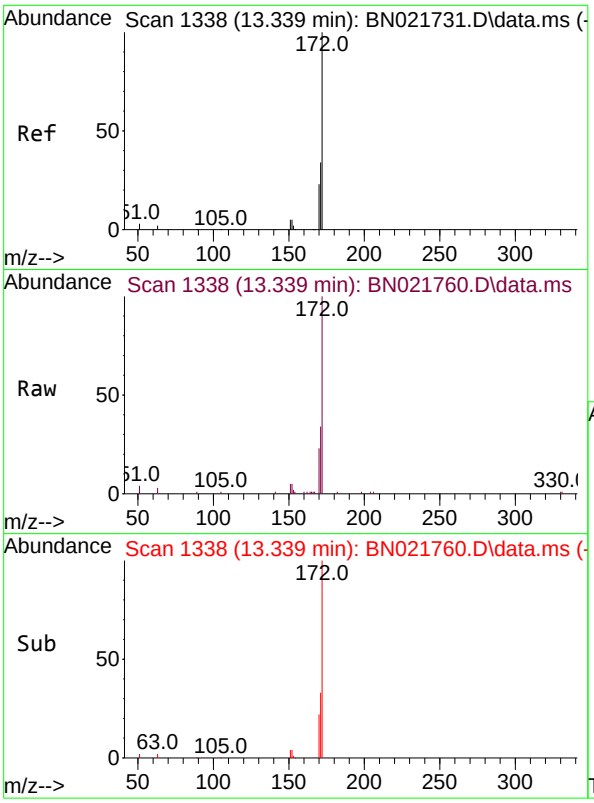


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:330 Resp: 1432

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	45.0	37.2	55.8



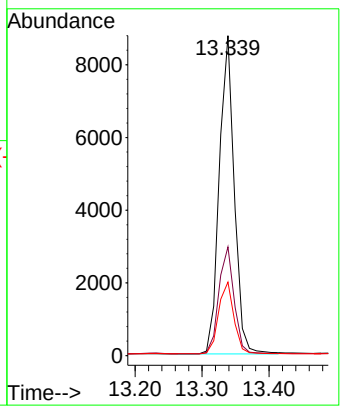


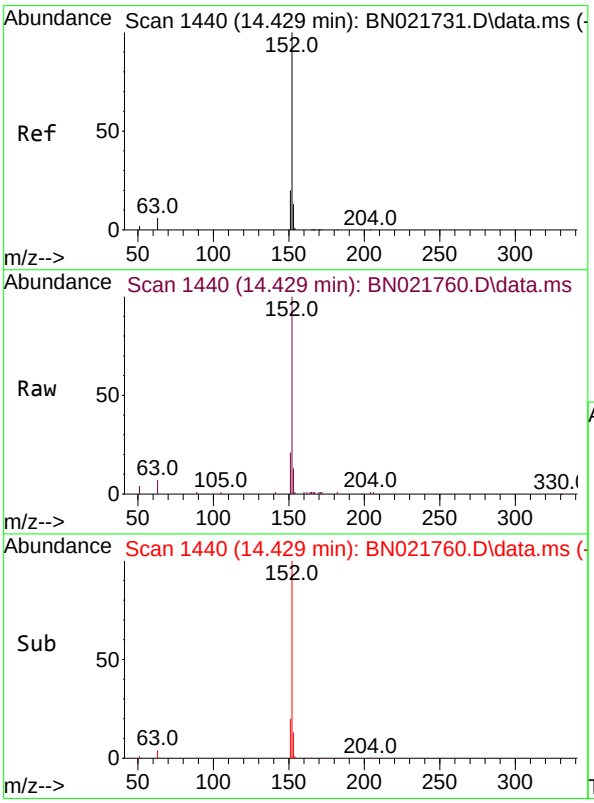
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:172 Resp: 13609

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.7	41.5
170	23.0	18.8	28.2

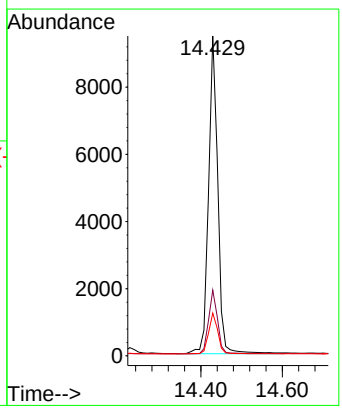


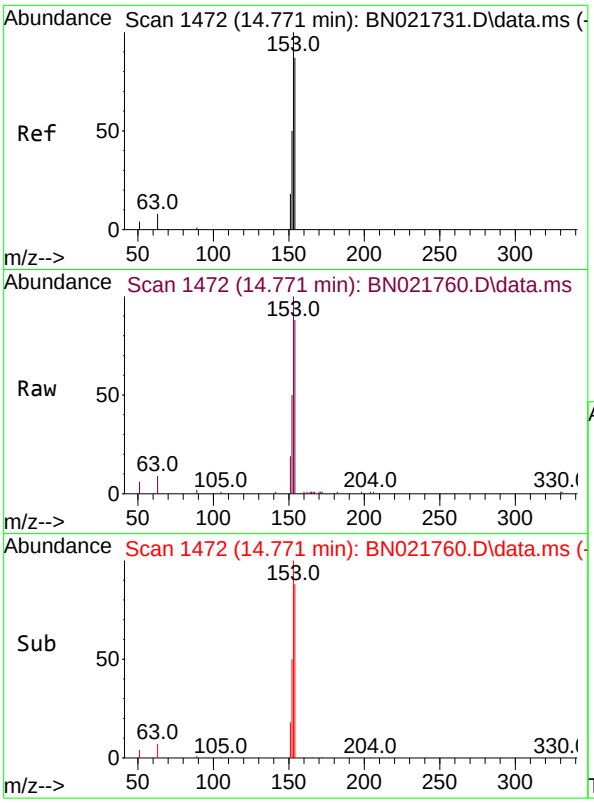


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:152 Resp: 14826

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0
153	13.0	10.3	15.5



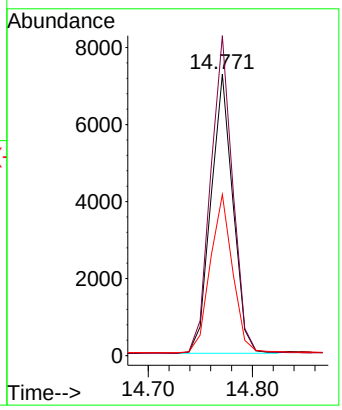


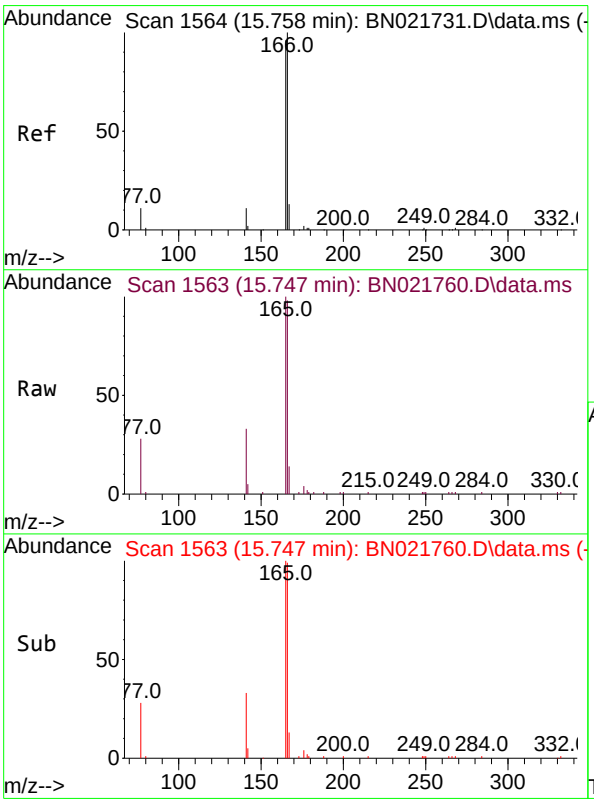
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:154 Resp: 10645

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.0	136.4
152	58.0	46.0	69.0

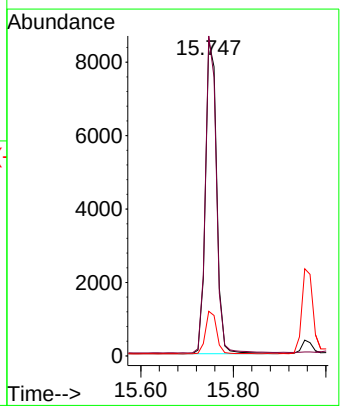


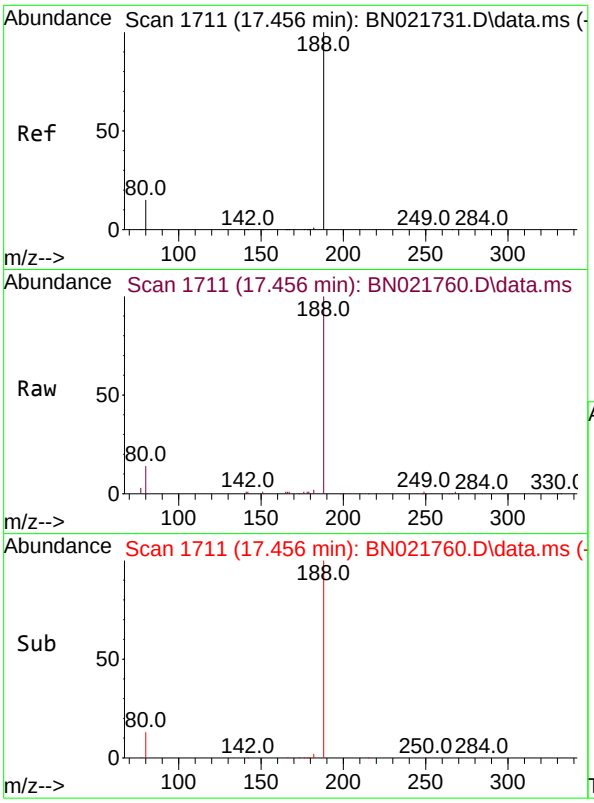


#18
Fluorene
Concen: 0.382 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:166 Resp: 14252

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.4	119.0
167	13.6	10.6	15.8



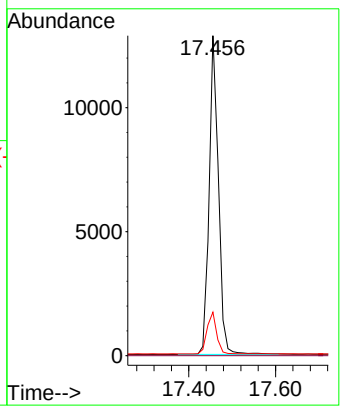


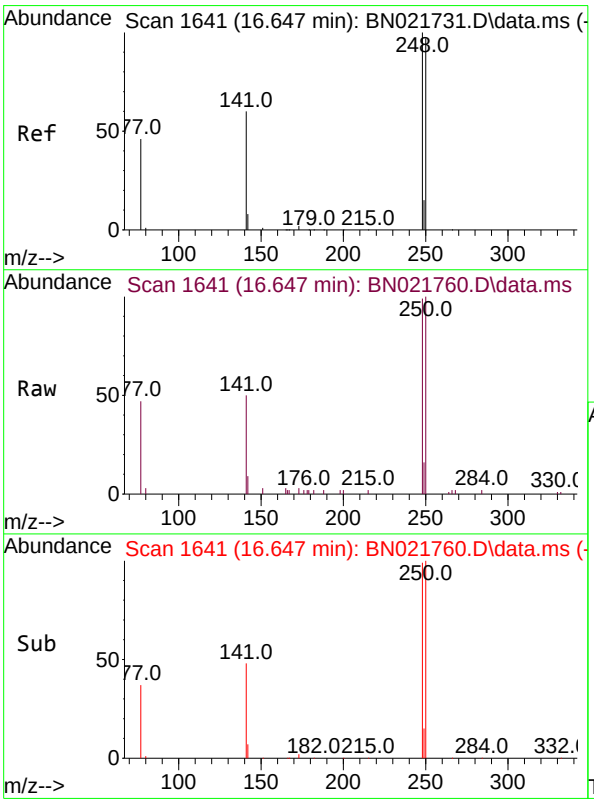
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:188 Resp: 19133

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	12.6	19.0

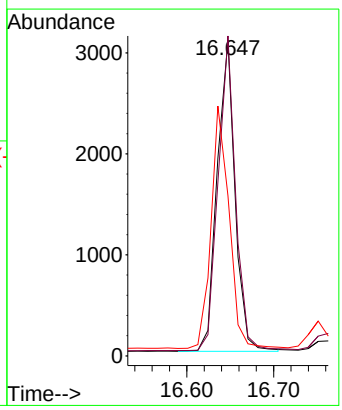


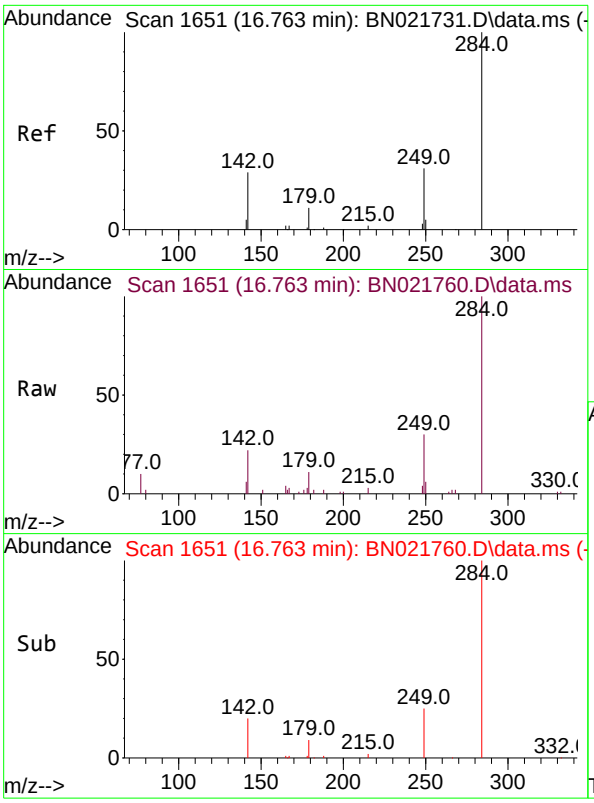


#21
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:248 Resp: 4397

Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.8	116.8
141	50.7	49.0	73.4



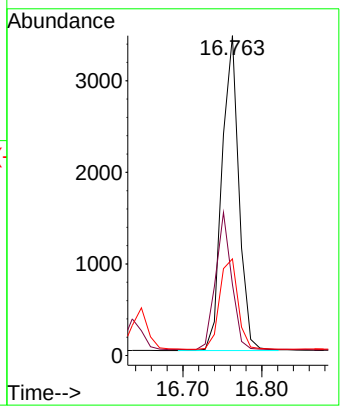


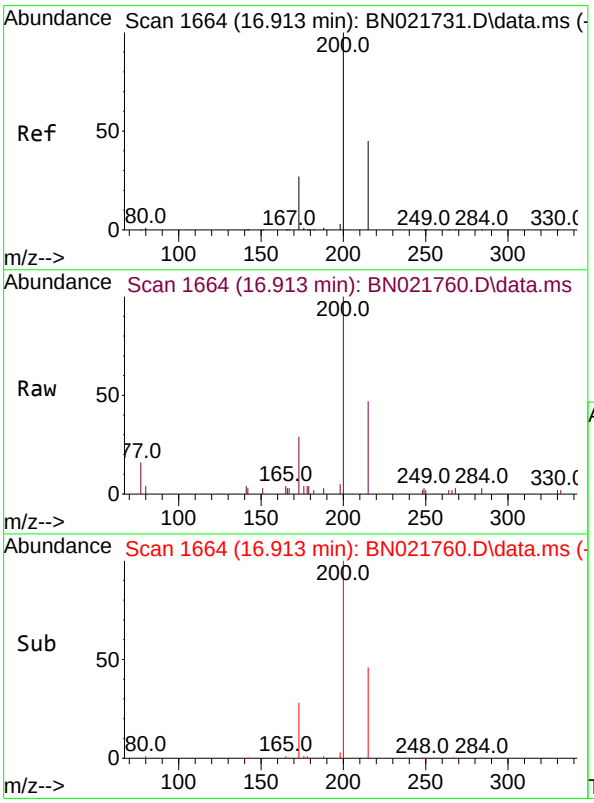
#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:284 Resp: 5150

Ion	Ratio	Lower	Upper
284	100		
142	41.2	33.4	50.2
249	31.2	25.1	37.7

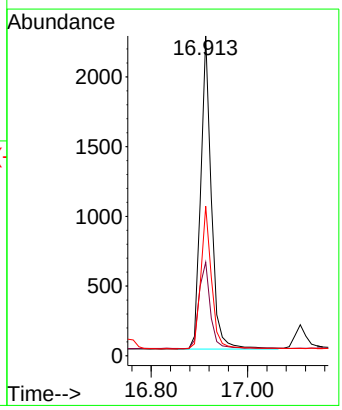


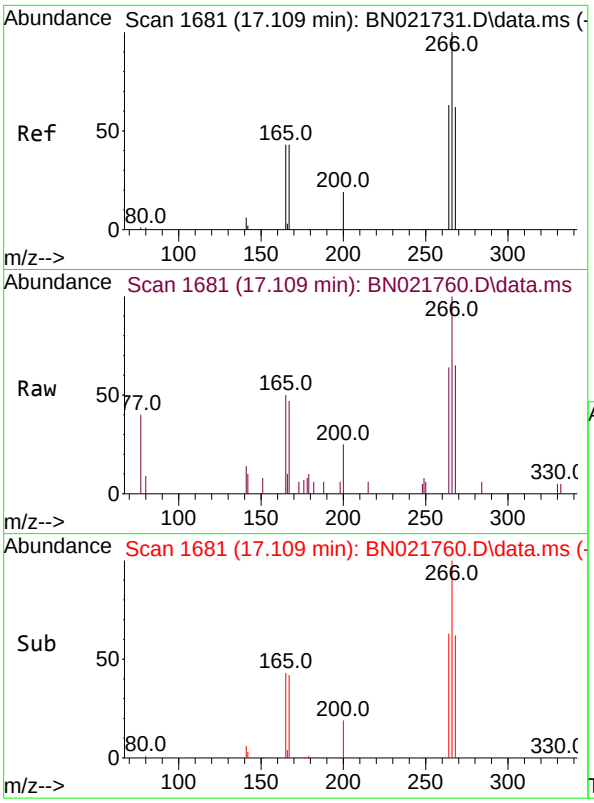


#23
Atrazine
Concen: 0.352 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:200 Resp: 3428

Ion	Ratio	Lower	Upper
200	100		
173	29.3	22.9	34.3
215	46.8	36.9	55.3



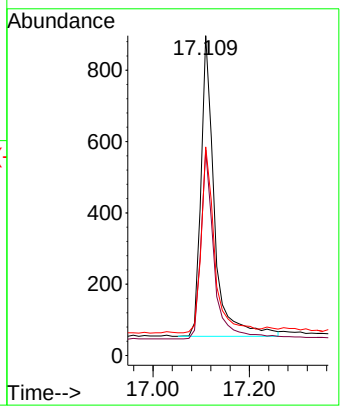


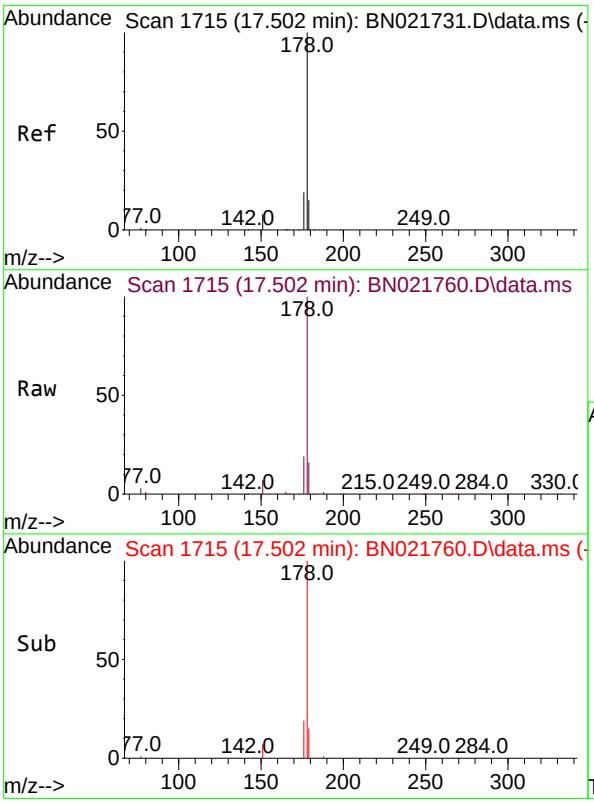
#24
Pentachlorophenol
Concen: 0.328 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:266 Resp: 1630

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.0	75.0
268	61.6	50.2	75.2

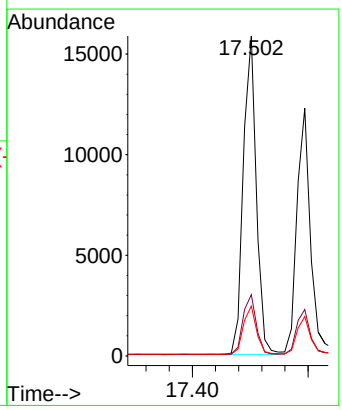


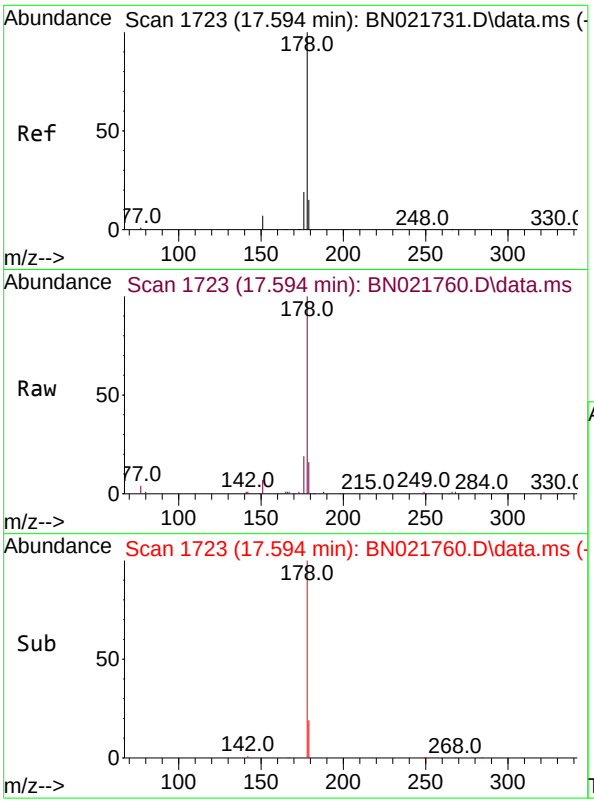


#25
Phenanthrene
Concen: 0.385 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:178 Resp: 24691

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.4



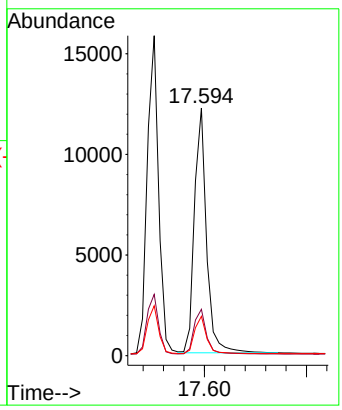


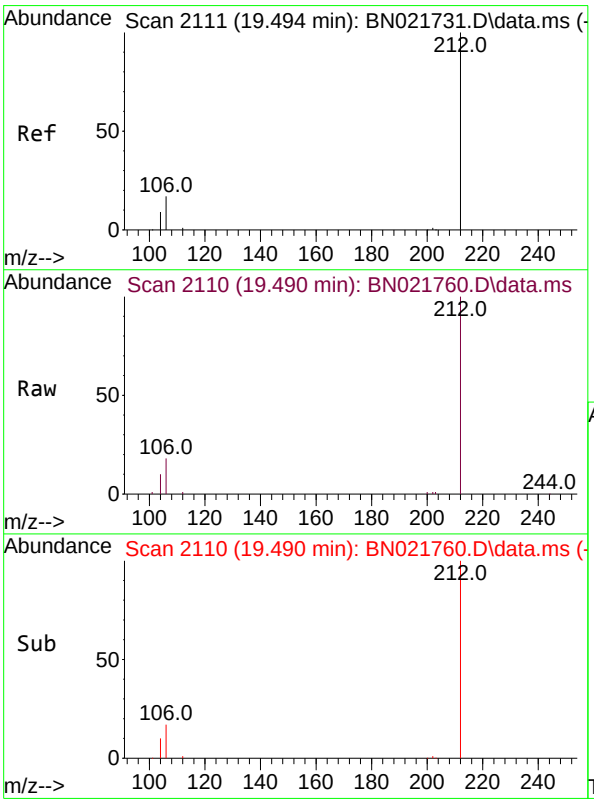
#26
Anthracene
Concen: 0.368 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:178 Resp: 20015

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.1	12.2	18.2

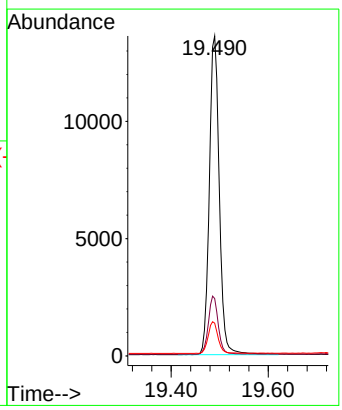


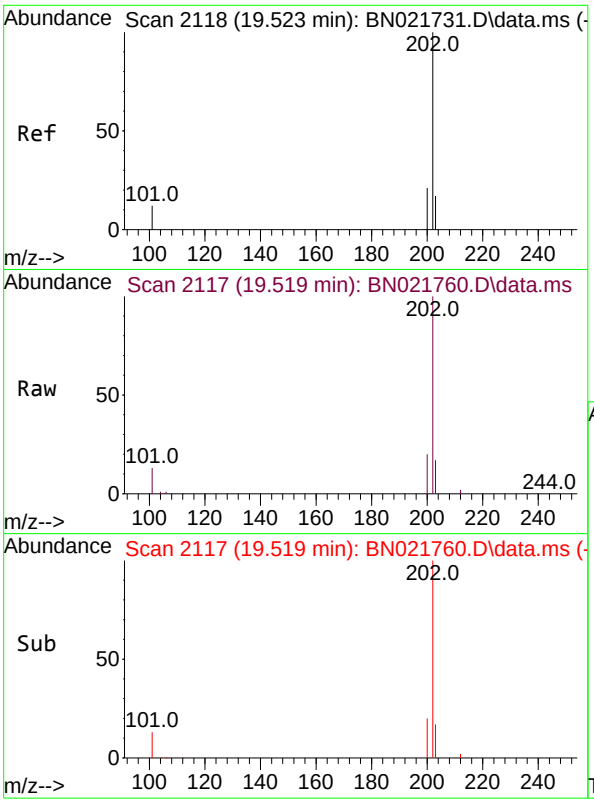


#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:212 Resp: 19415

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.3	21.5
104	10.0	8.0	12.0



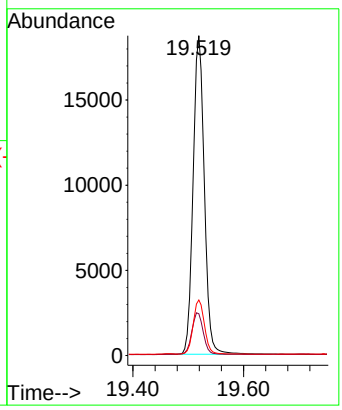


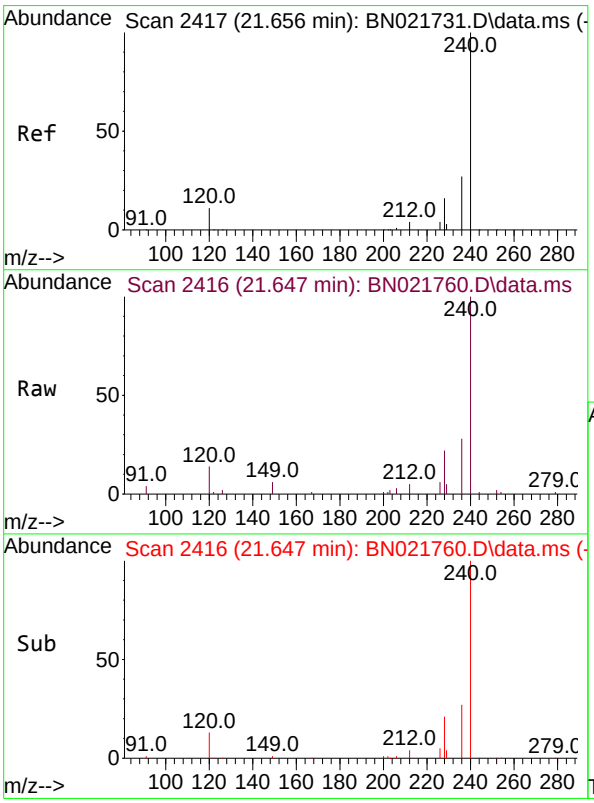
#28
Fluoranthene
Concen: 0.381 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:202 Resp: 26337

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.4
203	17.1	13.7	20.5

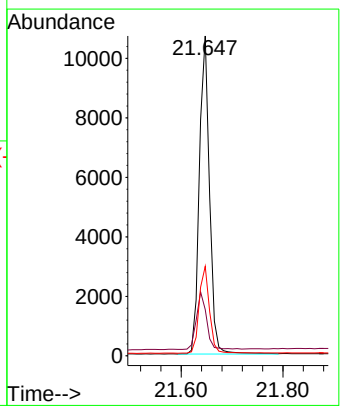


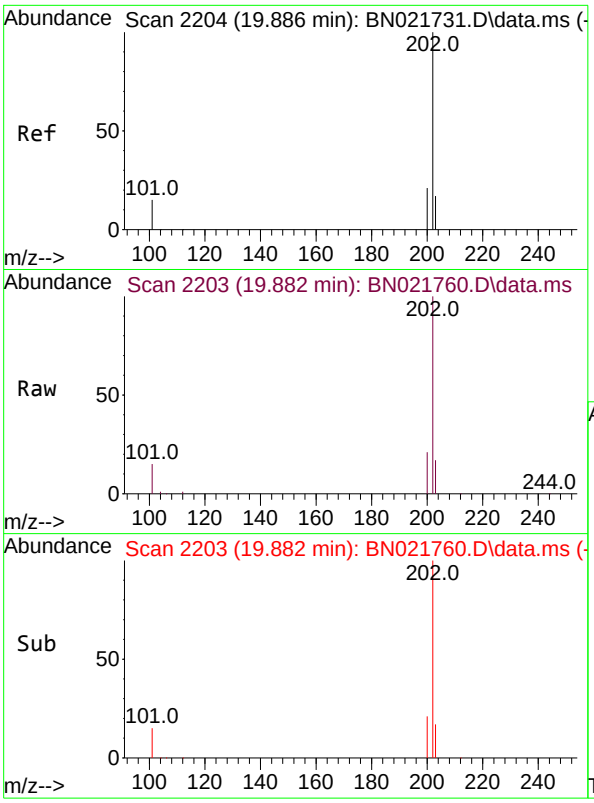


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:240 Resp: 14827

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.8	14.8
236	28.0	22.2	33.4



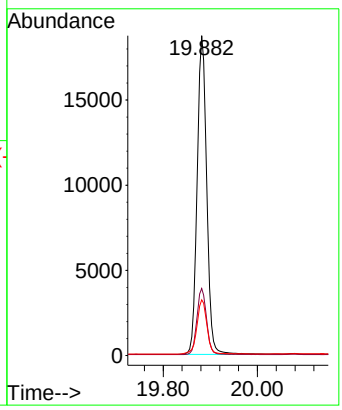


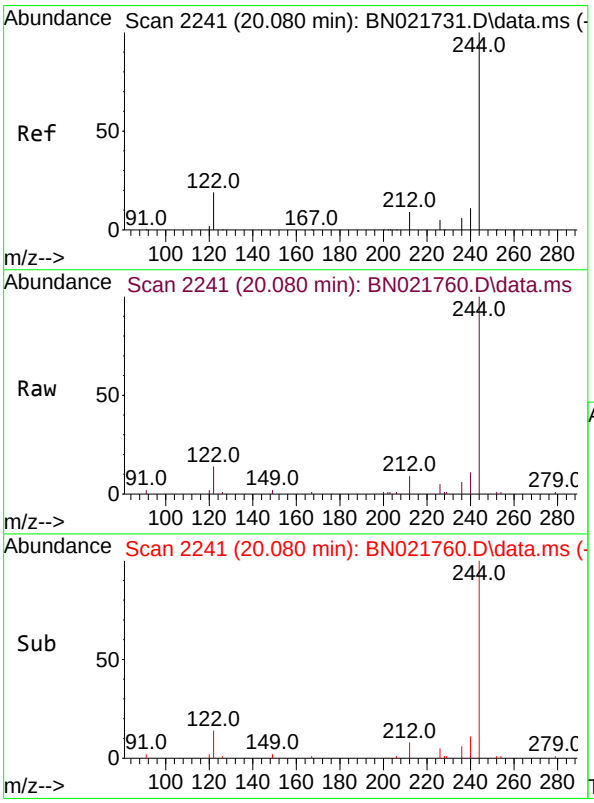
#30
Pyrene
Concen: 0.395 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:202 Resp: 29060

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.0	22.4
203	16.1	12.8	19.2

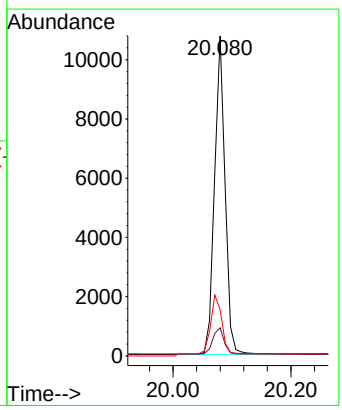


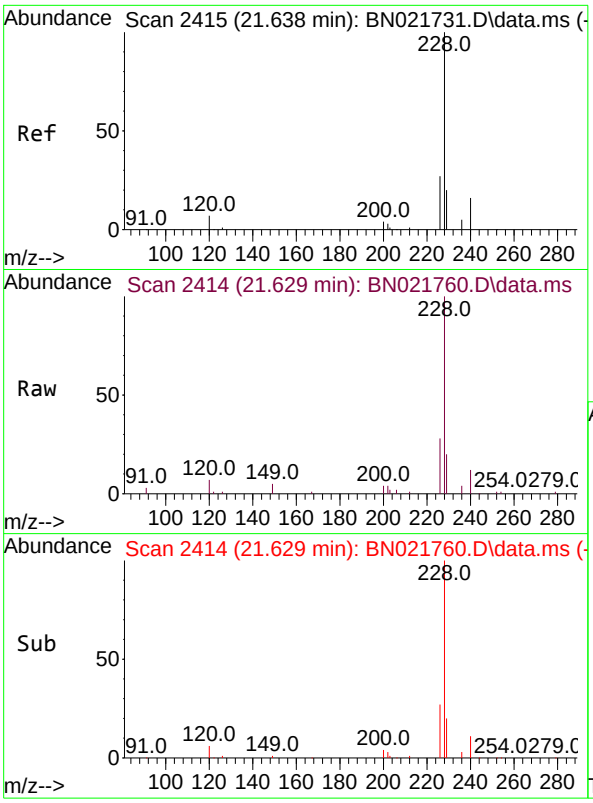


#31
Terphenyl-d14
Concen: 0.396 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:244 Resp: 13421

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.9	11.9
122	14.4	15.8	23.8#



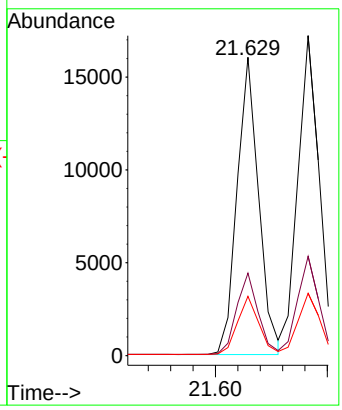


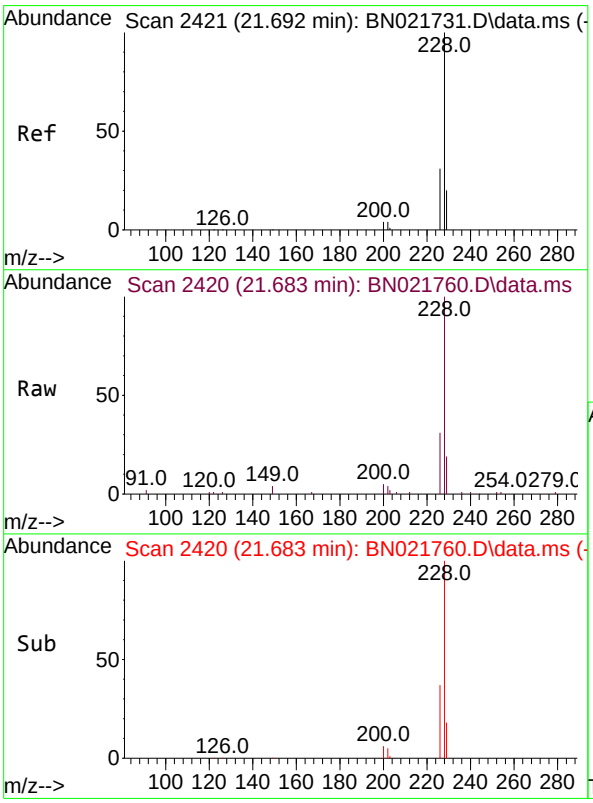
#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:228 Resp: 21457

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.5	32.3
229	19.9	15.8	23.8

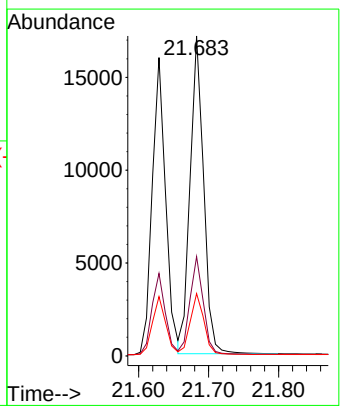


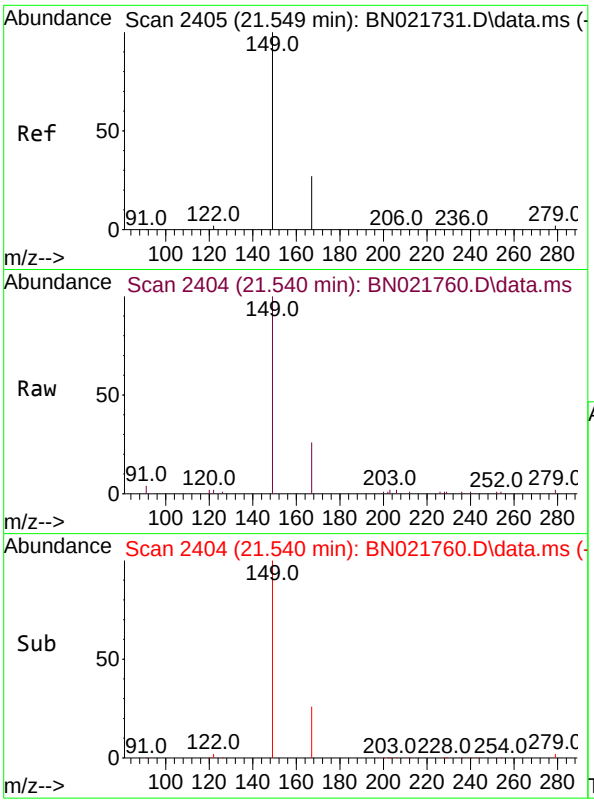


#33
Chrysene
Concen: 0.390 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:228 Resp: 23048

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.5	16.0	24.0



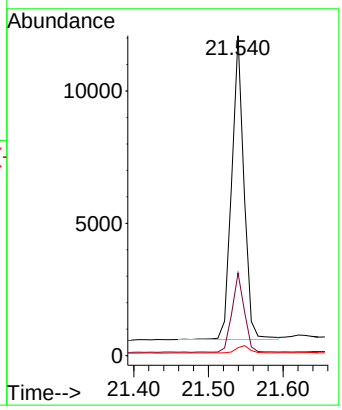


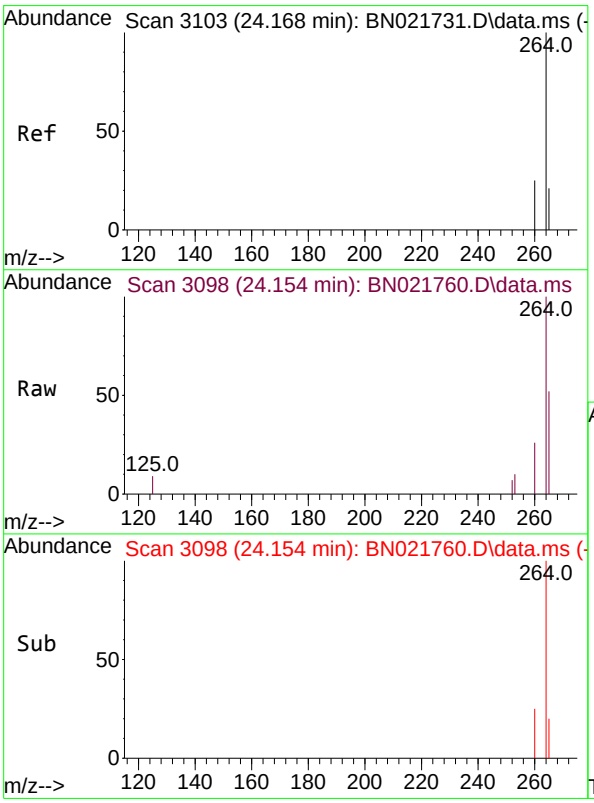
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:149 Resp: 13102

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	2.6	2.1	3.1

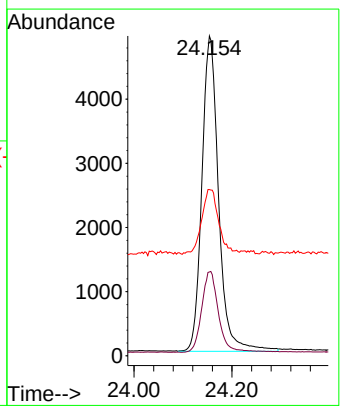


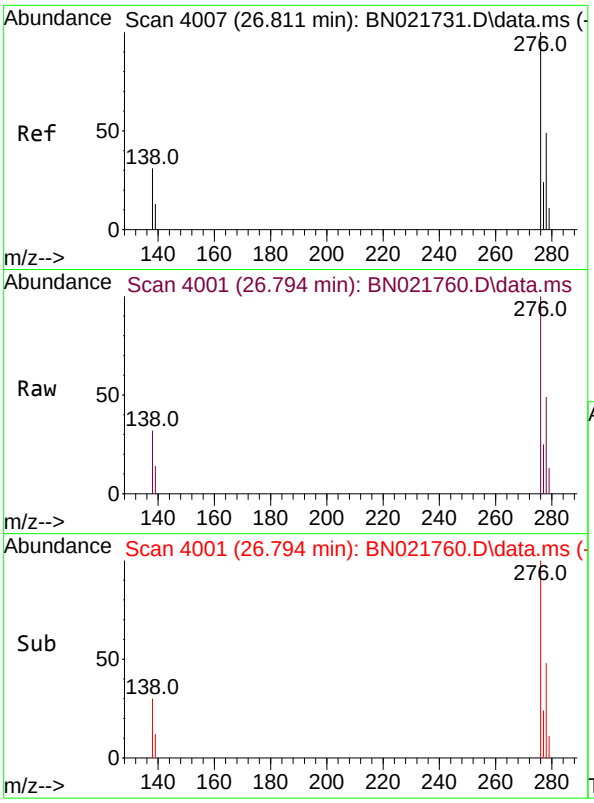


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3098
Delta R.T. -0.015 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:264 Resp: 11624

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.6	31.0
265	52.0	34.4	51.6#



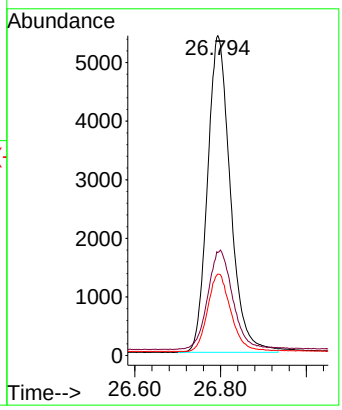


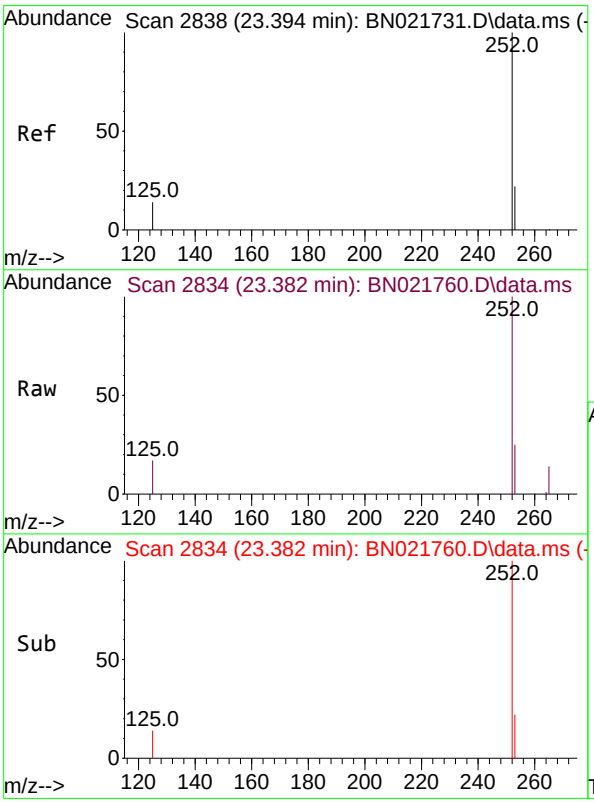
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 26.794 min Scan# 40
Delta R.T. -0.018 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:276 Resp: 19994

Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.4	41.0
277	24.6	19.8	29.6

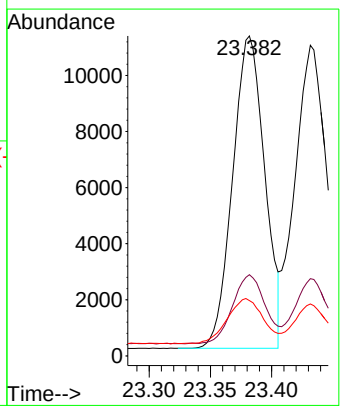


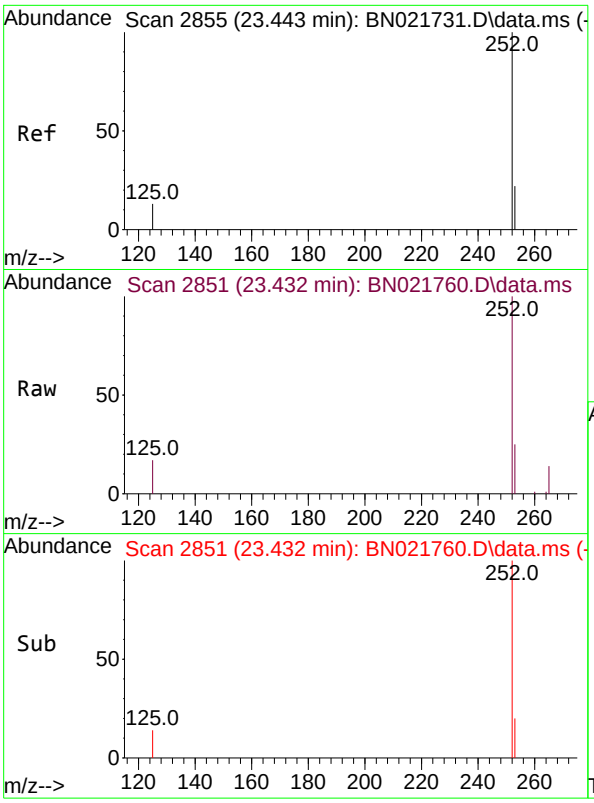


#37
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.382 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:252 Resp: 20273

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	17.3	13.0	19.4



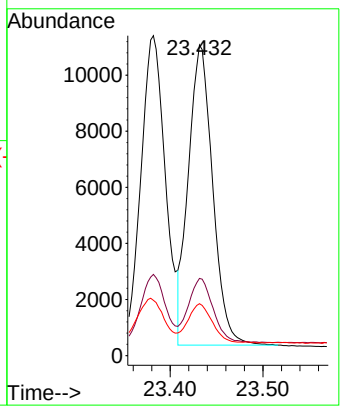


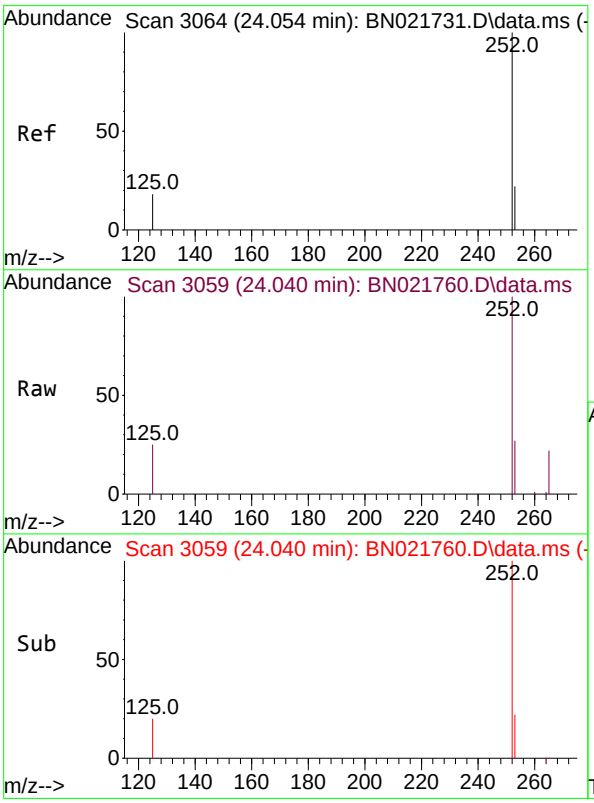
#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.432 min Scan# 28
Delta R.T. -0.012 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:252 Resp: 19507

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	16.7	12.6	18.8

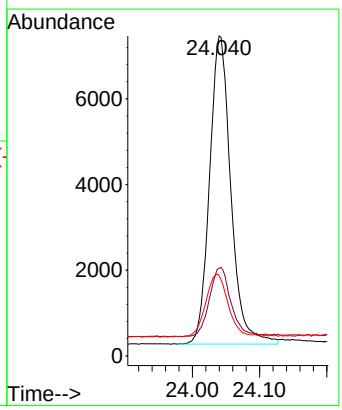


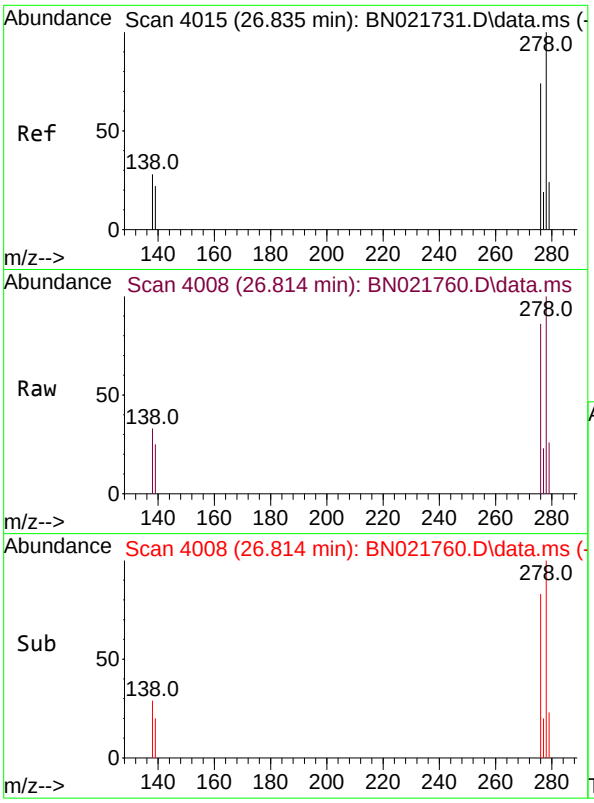


#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 24.040 min Scan# 3059
Delta R.T. -0.015 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:252 Resp: 15851

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.8	31.2
125	25.1	17.4	26.0



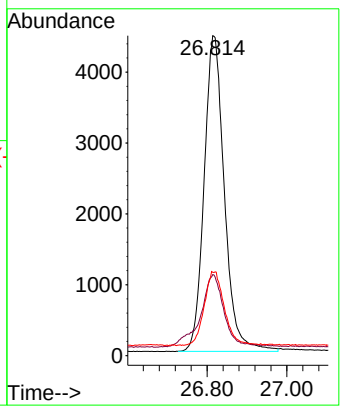


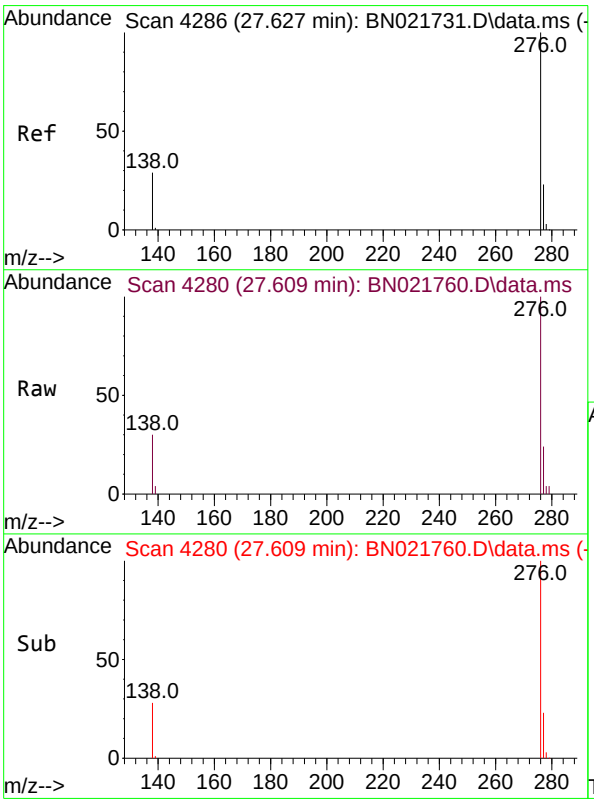
#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 26.814 min Scan# 40
Delta R.T. -0.021 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Instrument :
BNA_N
ClientSampleId :
PB147574BS

Tgt Ion:278 Resp: 15712

Ion	Ratio	Lower	Upper
278	100		
139	25.3	19.2	28.8
279	26.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 27.609 min Scan# 4280
Delta R.T. -0.018 min
Lab File: BN021760.D
Acq: 14 Sep 2022 23:45

Tgt Ion:276 Resp: 16213

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	30.5	24.2	36.2