Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021701.D
Acq On : 10 Sep 2022 17:05
Operator : CG/JU
Sample : PB147570BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Quant Time: Sep 12 01:11:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	6214	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	20634	0.400	ng		-0.01
13) Acenaphthene-d10	14.718	164	11596	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	22532	0.400	ng		-0.01
29) Chrysene-d12	21.655	240	13239	0.400	ng		0.00
35) Perylene-d12	24.164	264	11430	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.591	112	6604	0.543	ng		0.00
5) Phenol-d6	7.216	99	8944	0.577	ng		0.00
8) Nitrobenzene-d5	9.232	82	6469	0.464	ng		0.00
11) 2-Methylnaphthalene-d10	12.474	152	19362	0.416	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1704	0.448	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	18619	0.367	ng		0.00
27) Fluoranthene-d10	19.493	212	21053	0.363	ng		0.00
31) Terphenyl-d14	20.079	244	13968	0.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2835	0.365	ng	#	90
3) n-Nitrosodimethylamine	3.735	42	2934	0.419	ng	#	97
6) bis(2-Chloroethyl)ether	7.476	93	7840	0.402	ng		98
9) Naphthalene	10.941	128	23062	0.377	ng		99
10) Hexachlorobutadiene	11.229	225	3897	0.368	ng	#	99
12) 2-Methylnaphthalene	12.180	142	4807	0.599	ng	#	93
16) Acenaphthylene	14.440	152	21295	0.391	ng		100
17) Acenaphthene	14.771	154	14509	0.379	ng		99
18) Fluorene	15.755	166	17863	0.378	ng		100
21) 4-Bromophenyl-phenylether	16.649	248	5418	0.384	ng	#	91
22) Hexachlorobenzene	16.762	284	6233	0.362	ng		99
23) Atrazine	16.916	200	4203	0.511	ng		97
24) Pentachlorophenol	17.111	266	1170	0.429	ng		98
25) Phenanthrene	17.500	178	28598	0.368	ng		100
26) Anthracene	17.593	178	24108	0.390	ng		100
28) Fluoranthene	19.522	202	28331	0.351	ng		99
30) Pyrene	19.885	202	31534	0.447	ng		97
32) Benzo(a)anthracene	21.637	228	20480	0.444	ng		99
33) Chrysene	21.691	228	20451	0.372	ng		100
34) Bis(2-ethylhexyl)phtha...	21.548	149	14816	0.798	ng		99
36) Indeno(1,2,3-cd)pyrene	26.807	276	20091	0.389	ng		98
37) Benzo(b)fluoranthene	23.390	252	17696	0.314	ng	#	93
38) Benzo(k)fluoranthene	23.439	252	17762	0.313	ng	#	91
39) Benzo(a)pyrene	24.050	252	15182	0.386	ng	#	88
40) Dibenzo(a,h)anthracene	26.831	278	15946	0.384	ng		98
41) Benzo(g,h,i)perylene	27.623	276	16561	0.363	ng		97

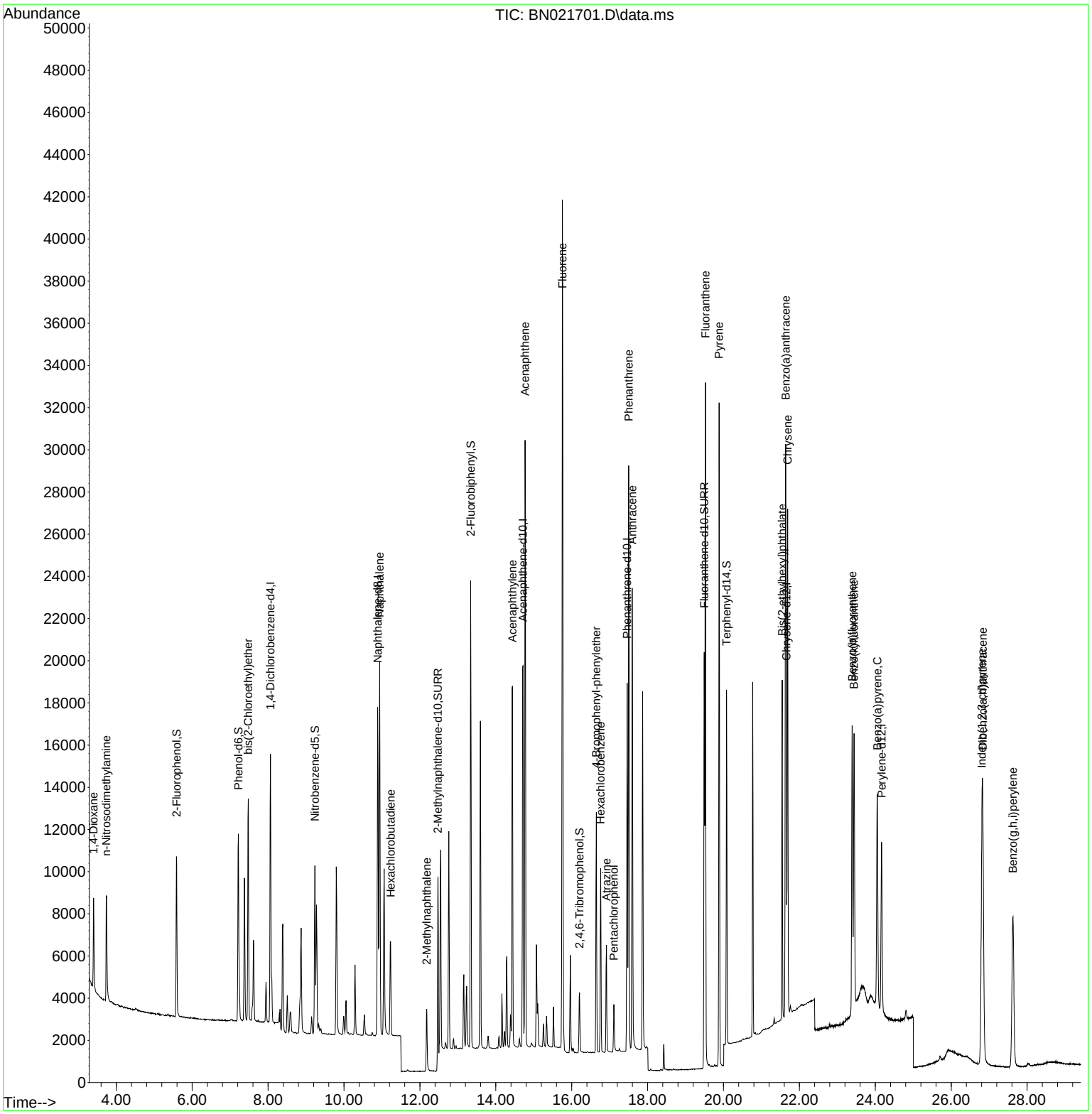
(#) = qualifier out of range (m) = manual integration (+) = signals summed

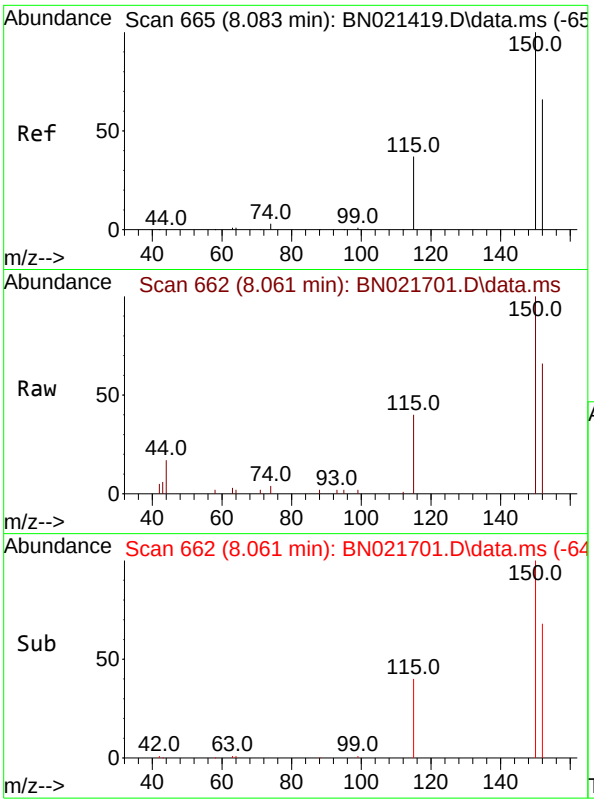
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021701.D
Acq On : 10 Sep 2022 17:05
Operator : CG/JU
Sample : PB147570BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Quant Time: Sep 12 01:11:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



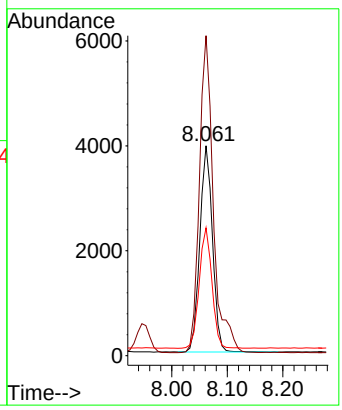


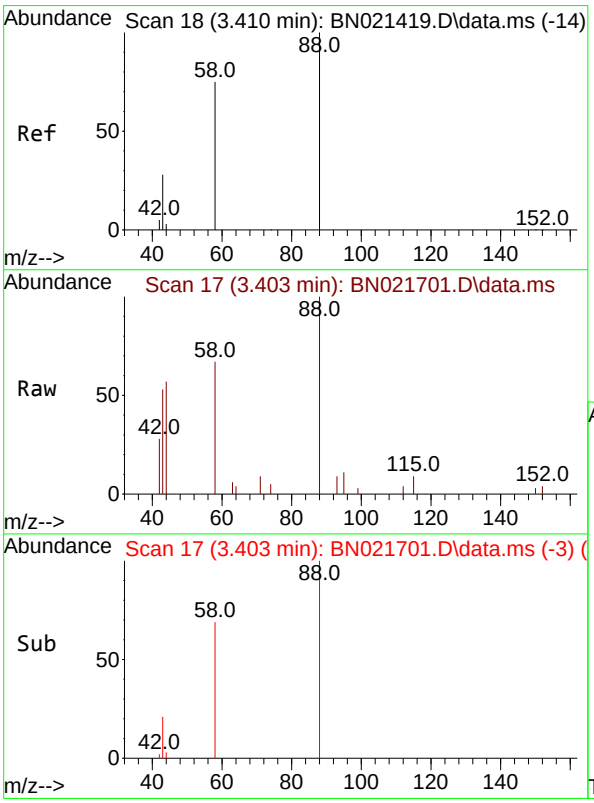
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.061 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:152 Resp: 6214

Ion	Ratio	Lower	Upper
152	100		
150	152.5	121.4	182.0
115	60.9	48.6	72.8

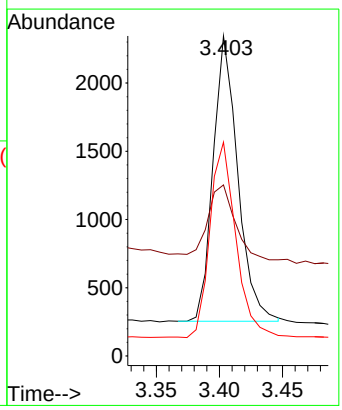


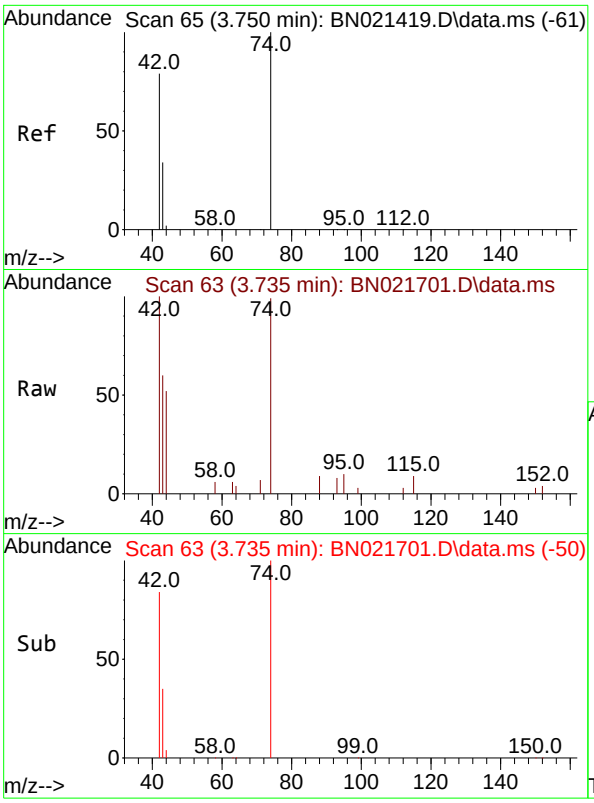


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion: 88 Resp: 2835

Ion	Ratio	Lower	Upper
88	100		
43	28.9	35.8	53.8#
58	72.0	57.1	85.7



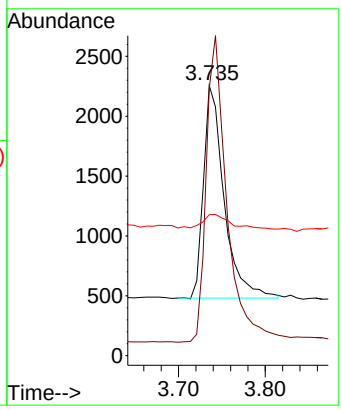


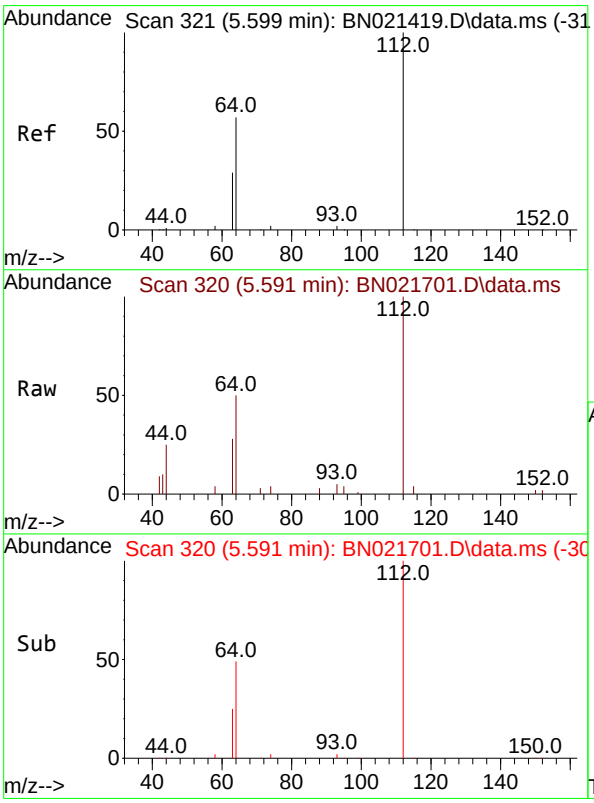
#3
n-Nitrosodimethylamine
Concen: 0.419 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion: 42 Resp: 2934

Ion	Ratio	Lower	Upper
42	100		
74	144.5	113.0	169.6
44	9.1	10.5	15.7#

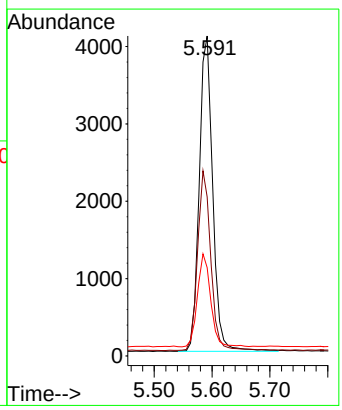


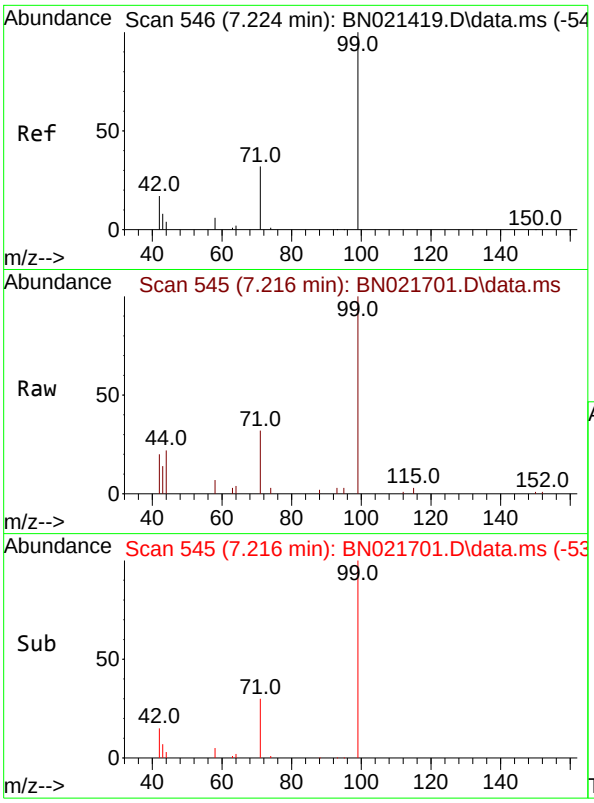


#4
2-Fluorophenol
Concen: 0.543 ng
RT: 5.591 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:112 Resp: 6604

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.5	65.3
63	29.0	22.6	34.0



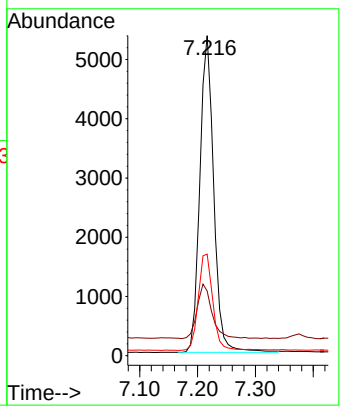


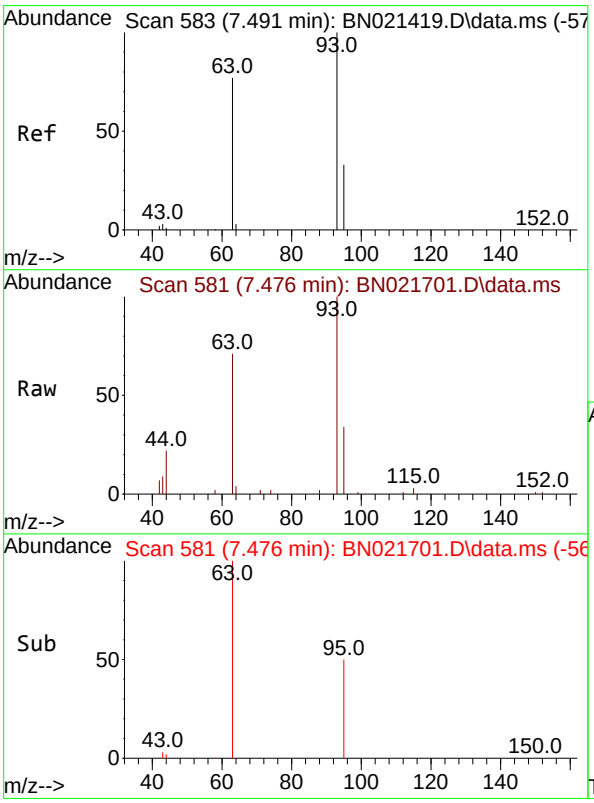
#5
Phenol-d6
Concen: 0.577 ng
RT: 7.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion: 99 Resp: 8944

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.5	23.3
71	32.2	24.2	36.2

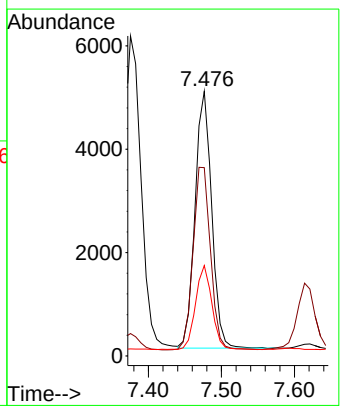


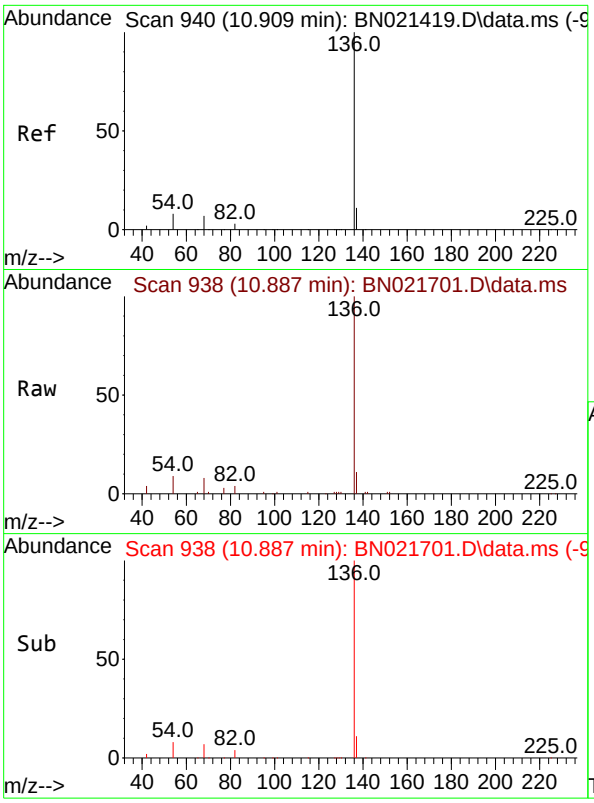


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.476 min Scan# 581
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion: 93 Resp: 7840

Ion	Ratio	Lower	Upper
93	100		
63	74.6	57.8	86.8
95	32.4	25.9	38.9



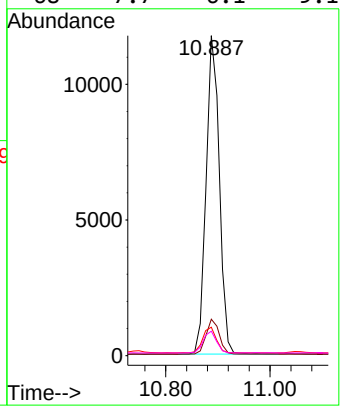


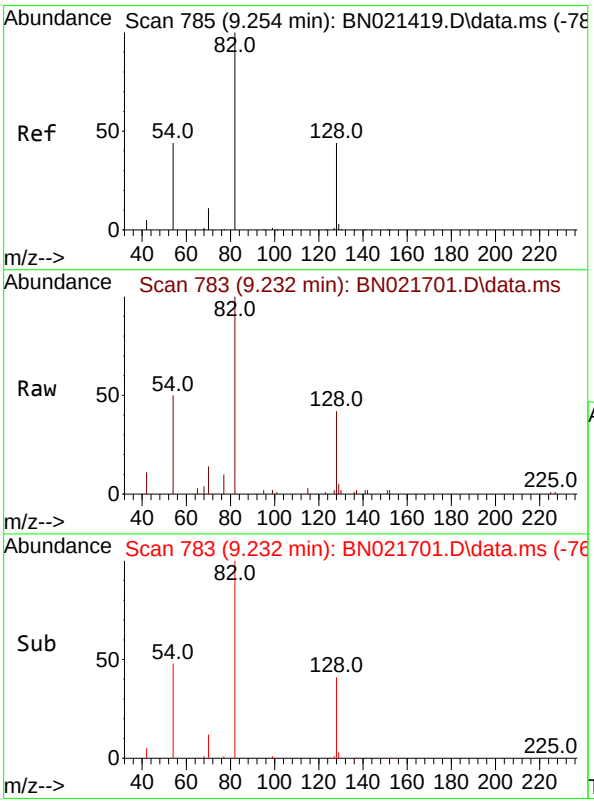
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:136 Resp: 20634

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.9	6.9	10.3
68	7.7	6.1	9.1

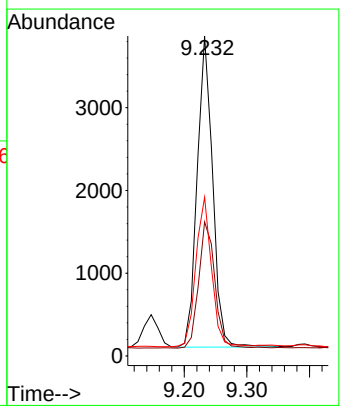


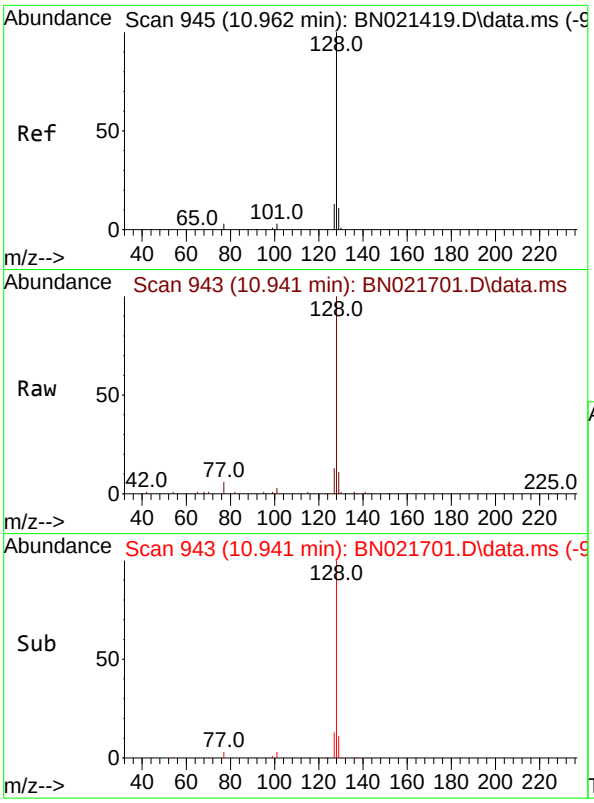


#8
Nitrobenzene-d5
Concen: 0.464 ng
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion: 82 Resp: 6469

Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.9	46.3
54	49.6	42.7	64.1



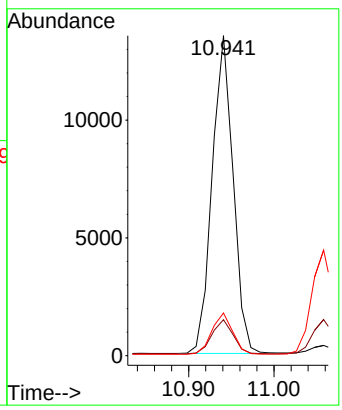


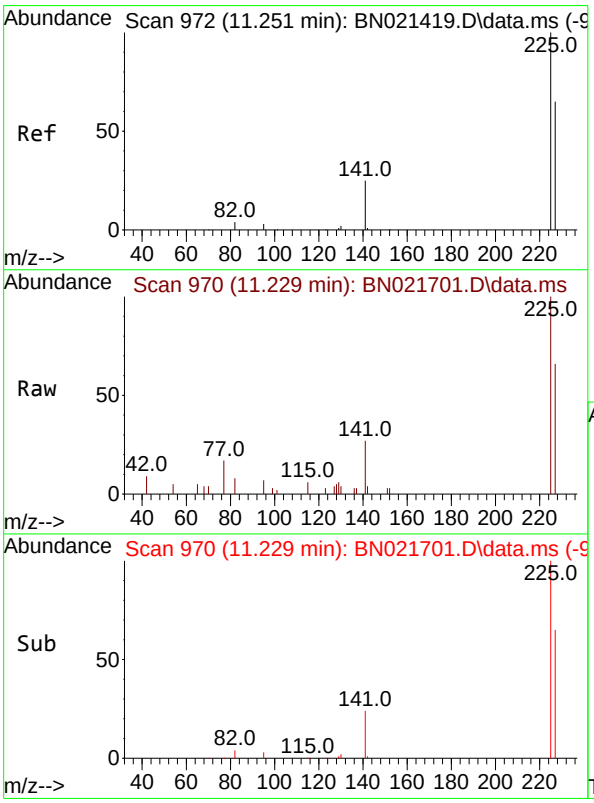
#9
Naphthalene
Concen: 0.377 ng
RT: 10.941 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:128 Resp: 23062

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.3	11.0	16.4

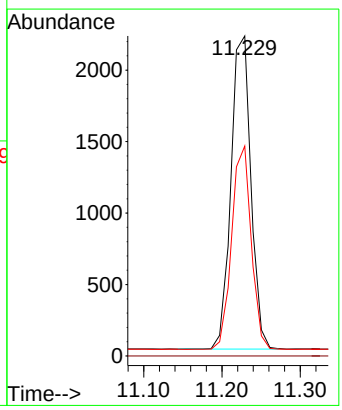


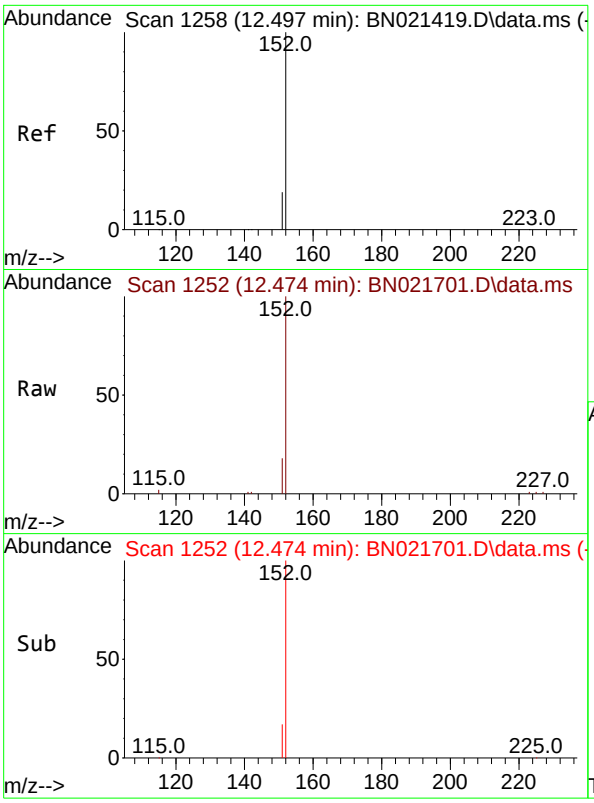


#10
Hexachlorobutadiene
Concen: 0.368 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:225 Resp: 3897

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.2	76.8



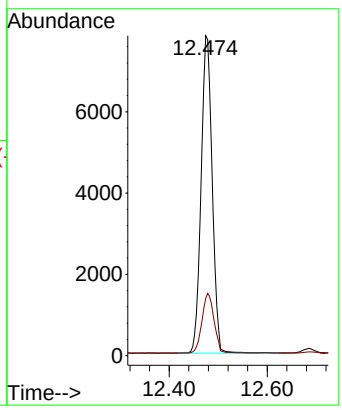


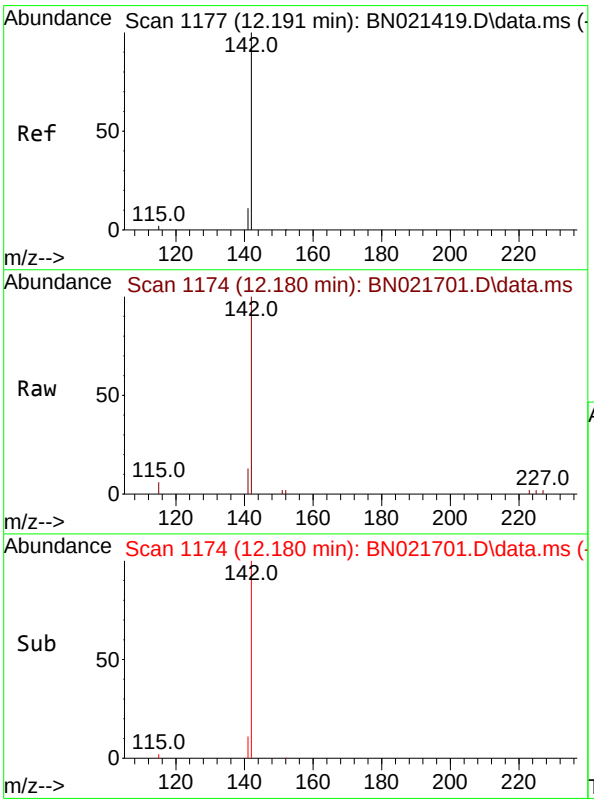
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.474 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:152 Resp: 19362

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.5	21.7

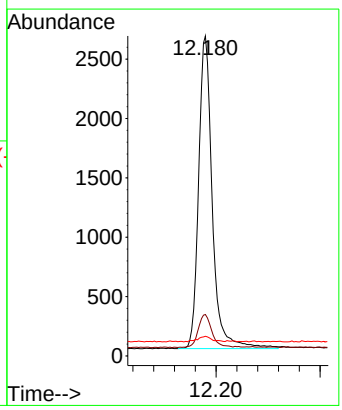


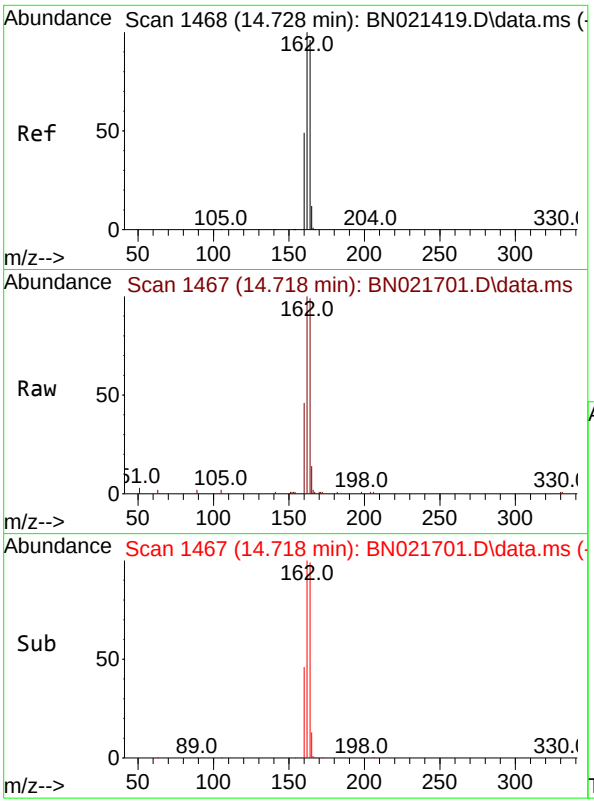


#12
2-Methylnaphthalene
Concen: 0.599 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:142 Resp: 4807

Ion	Ratio	Lower	Upper
142	100		
141	12.9	12.2	18.2
115	6.2	7.9	11.9#



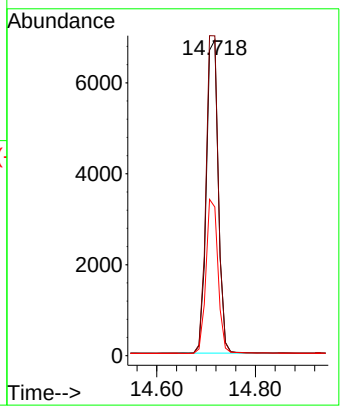


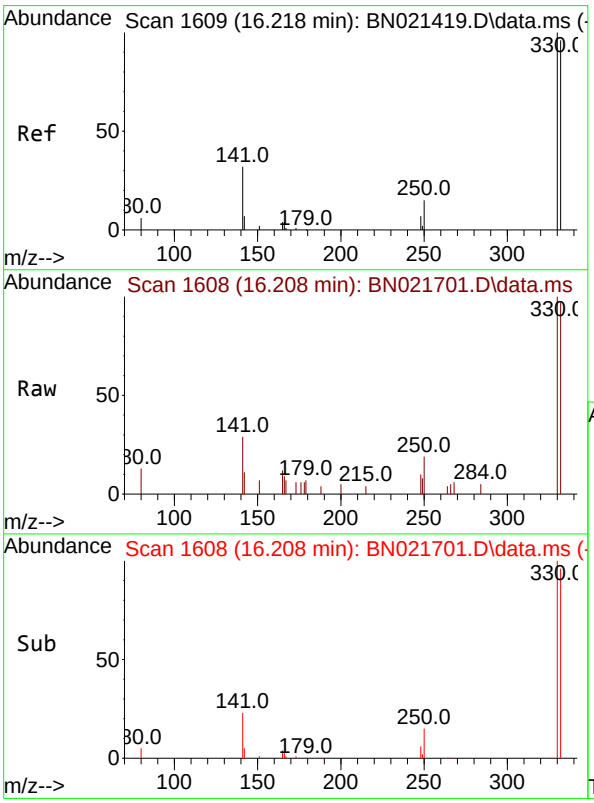
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:164 Resp: 11596

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.4
160	47.1	39.5	59.3

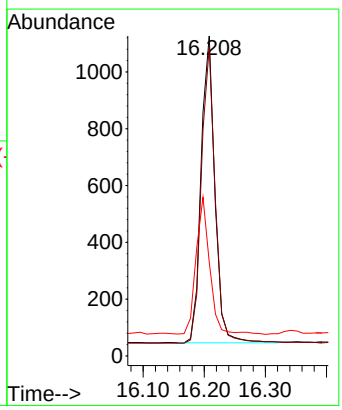


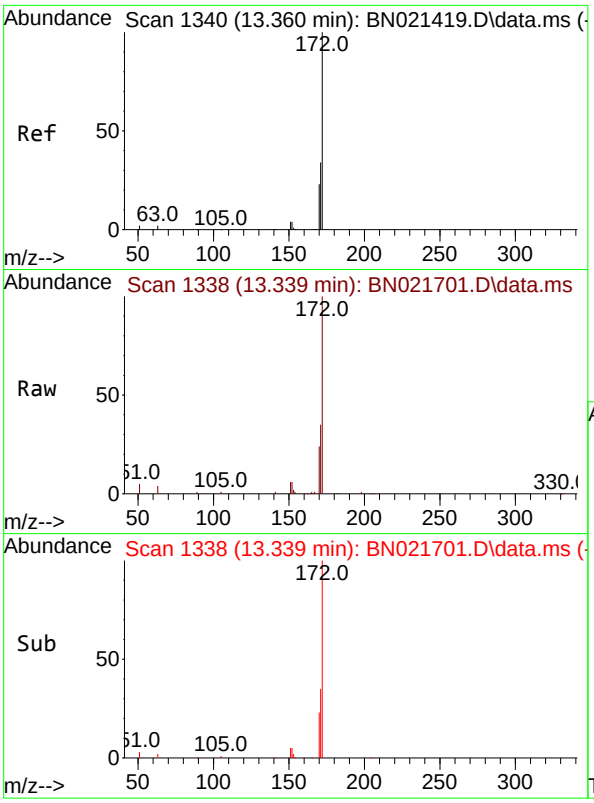


#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:330 Resp: 1704

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.3	118.9
141	44.2	37.1	55.7



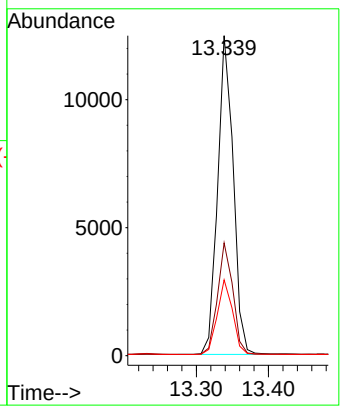


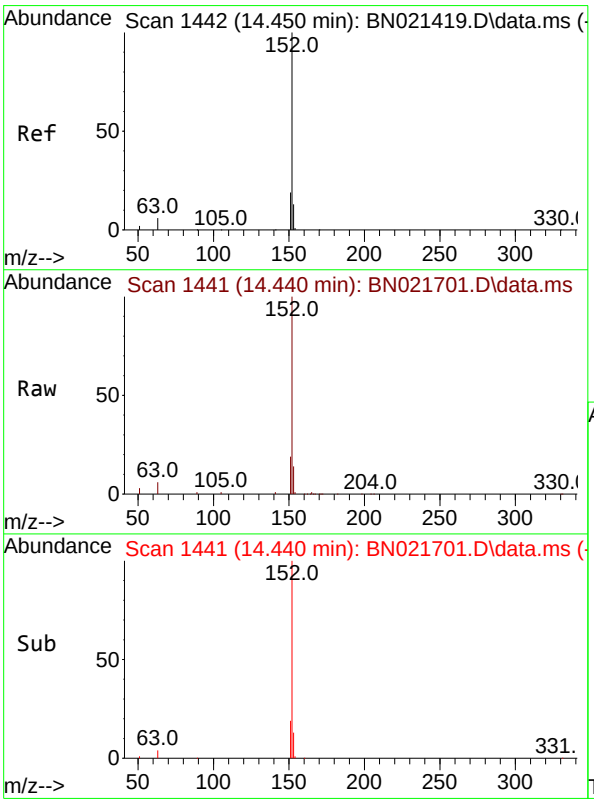
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:172 Resp: 18619

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.7	18.6	28.0

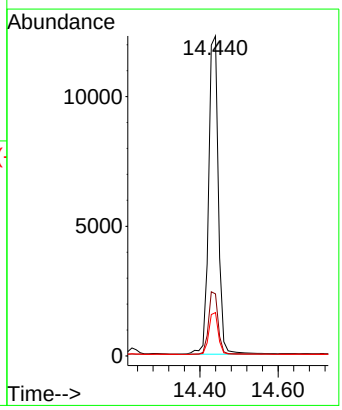


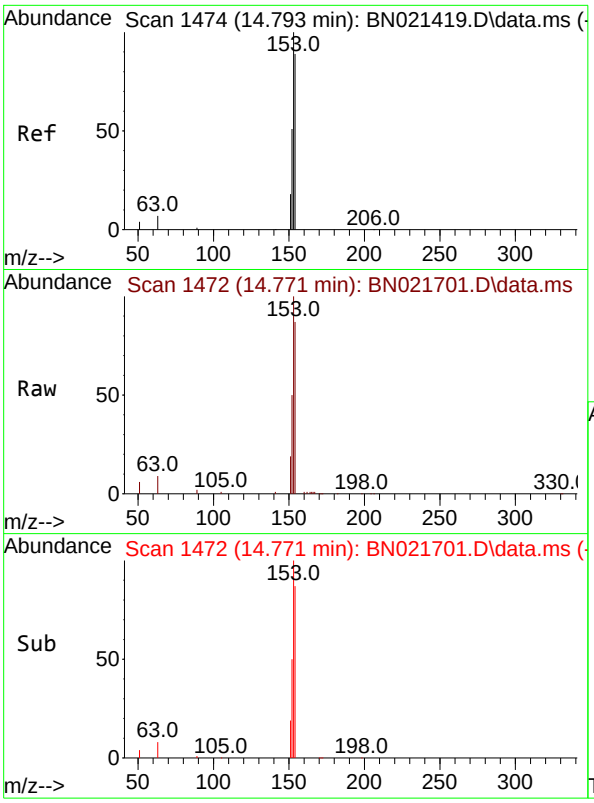


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:152 Resp: 21295

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.3	15.5



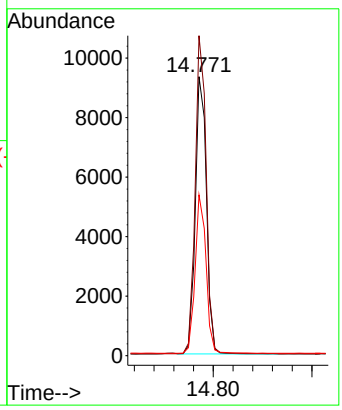


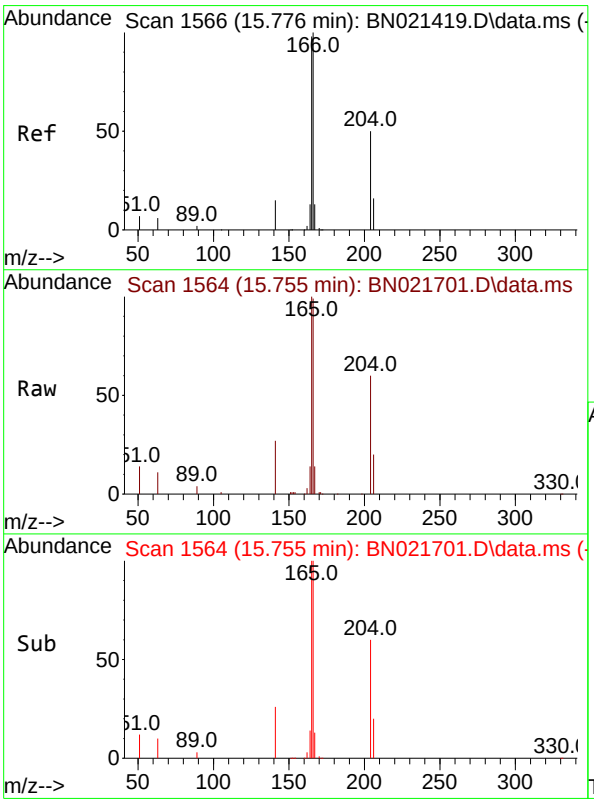
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:154 Resp: 14509

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.5	134.3
152	56.6	45.5	68.3

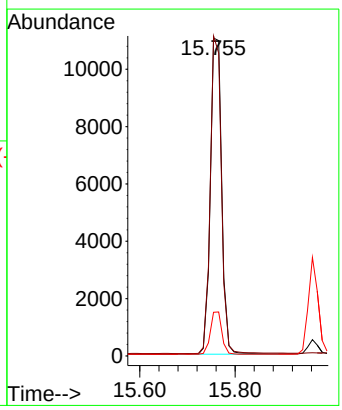


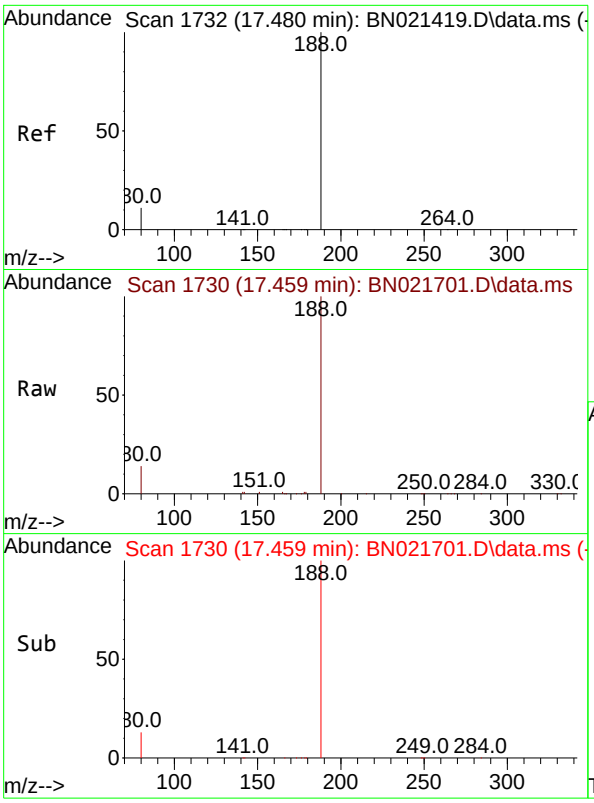


#18
Fluorene
Concen: 0.378 ng
RT: 15.755 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:166 Resp: 17863

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.6	10.6	16.0



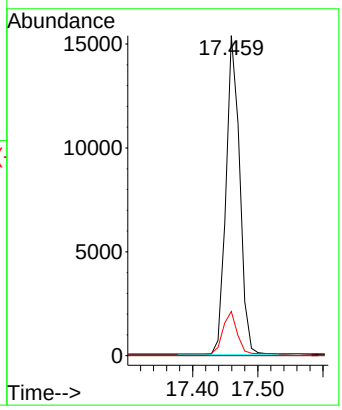


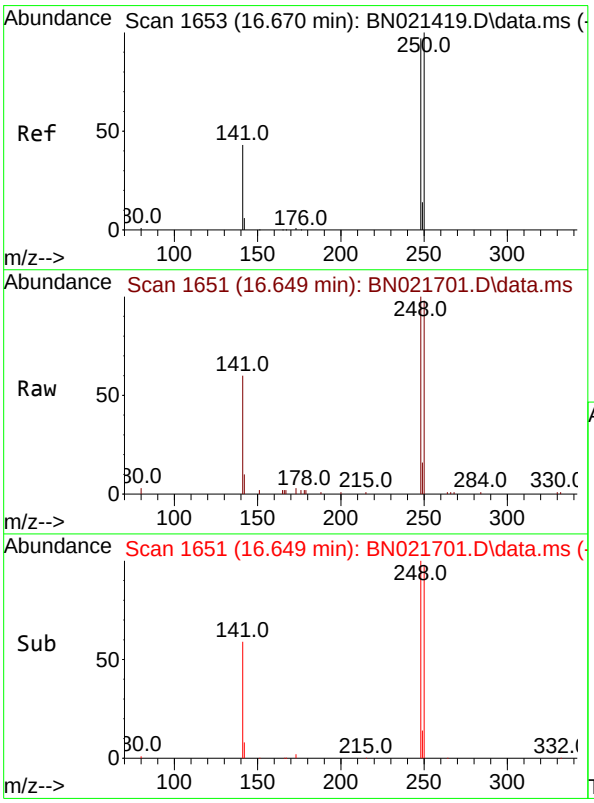
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:188 Resp: 22532

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	9.5	14.3

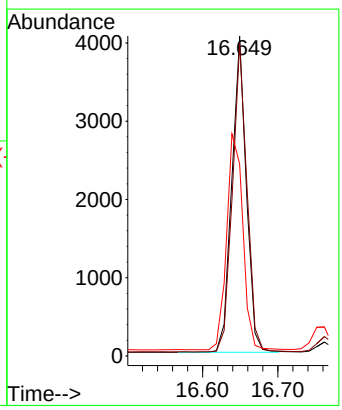


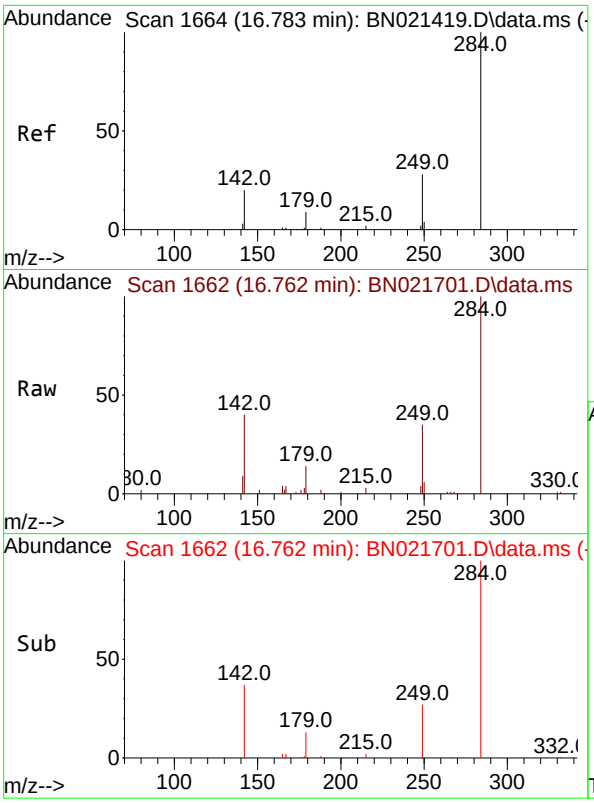


#21
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.649 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:248 Resp: 5418

Ion	Ratio	Lower	Upper
248	100		
250	97.7	81.8	122.6
141	60.0	38.5	57.7#



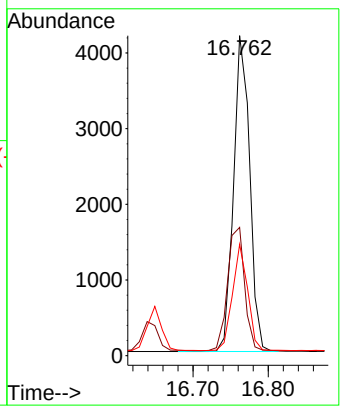


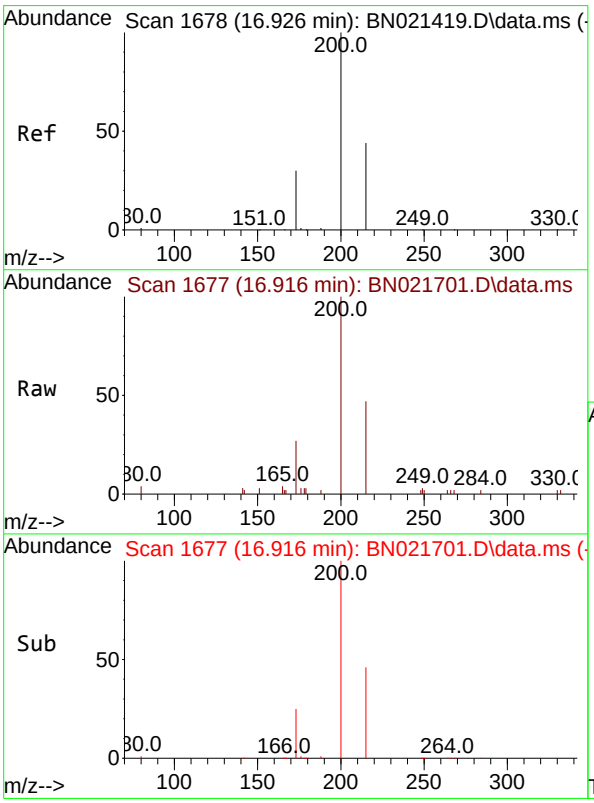
#22
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.762 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:284 Resp: 6233

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.3	48.5
249	31.7	25.4	38.2

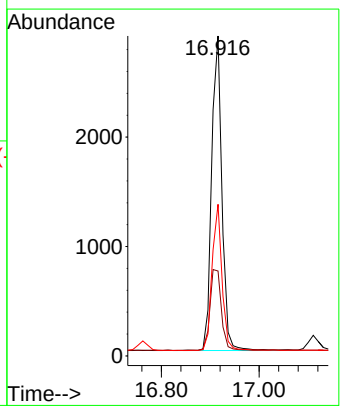


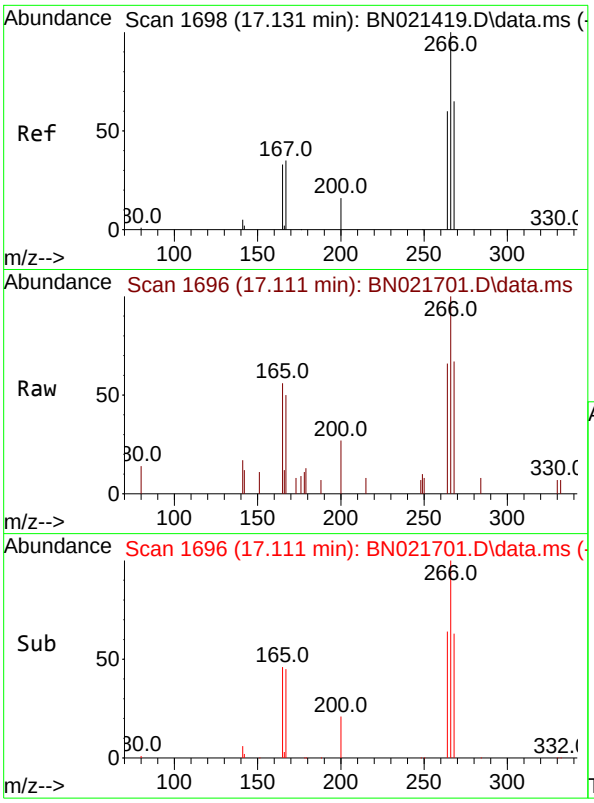


#23
Atrazine
Concen: 0.511 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:200 Resp: 4203

Ion	Ratio	Lower	Upper
200	100		
173	26.6	24.3	36.5
215	47.4	38.4	57.6



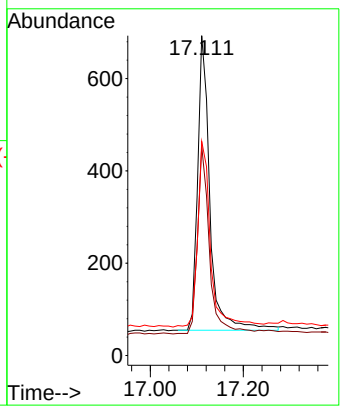


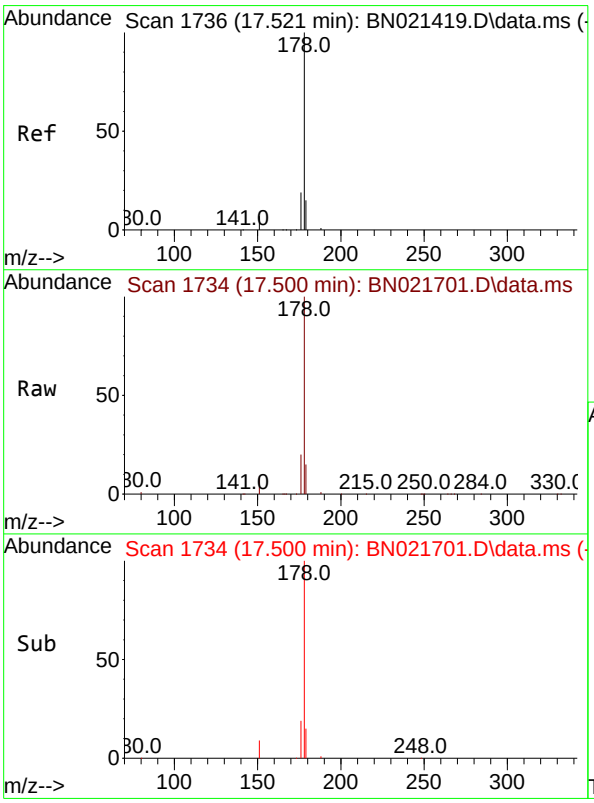
#24
Pentachlorophenol
Concen: 0.429 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:266 Resp: 1170

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.0	73.6
268	66.2	50.9	76.3

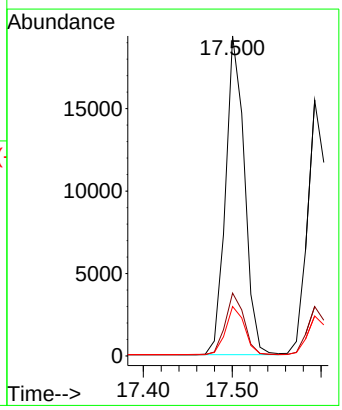


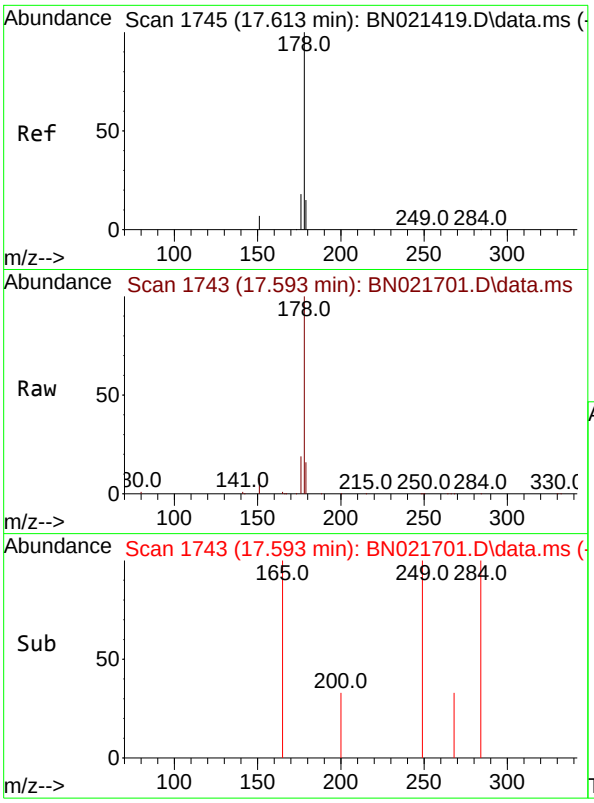


#25
Phenanthrene
Concen: 0.368 ng
RT: 17.500 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:178 Resp: 28598

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.4



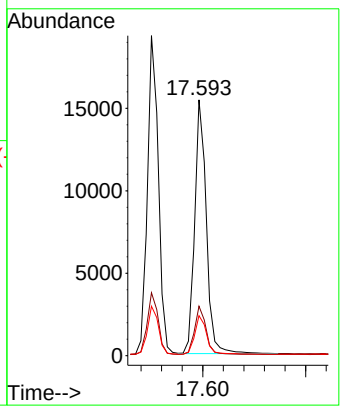


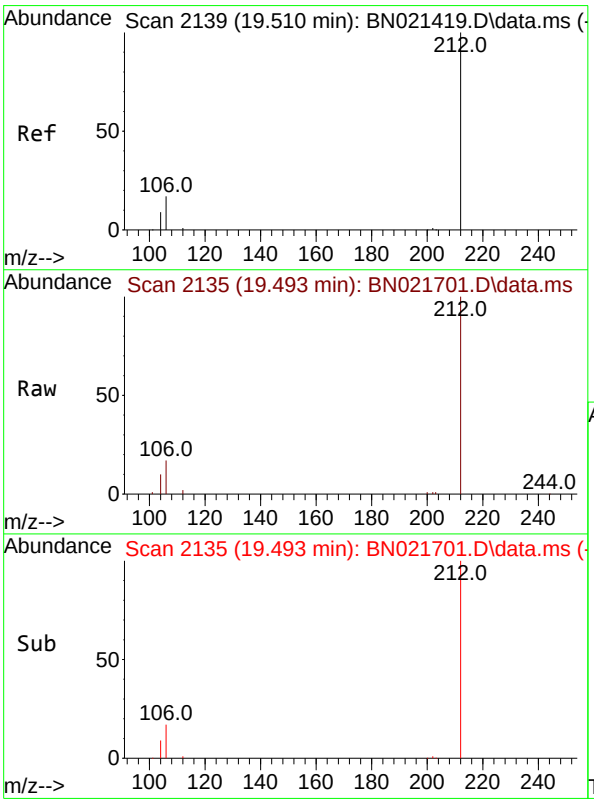
#26
Anthracene
Concen: 0.390 ng
RT: 17.593 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:178 Resp: 24108

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.1	12.2	18.2

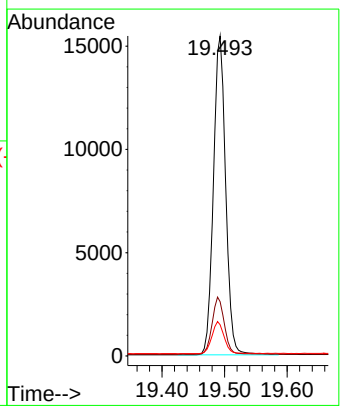


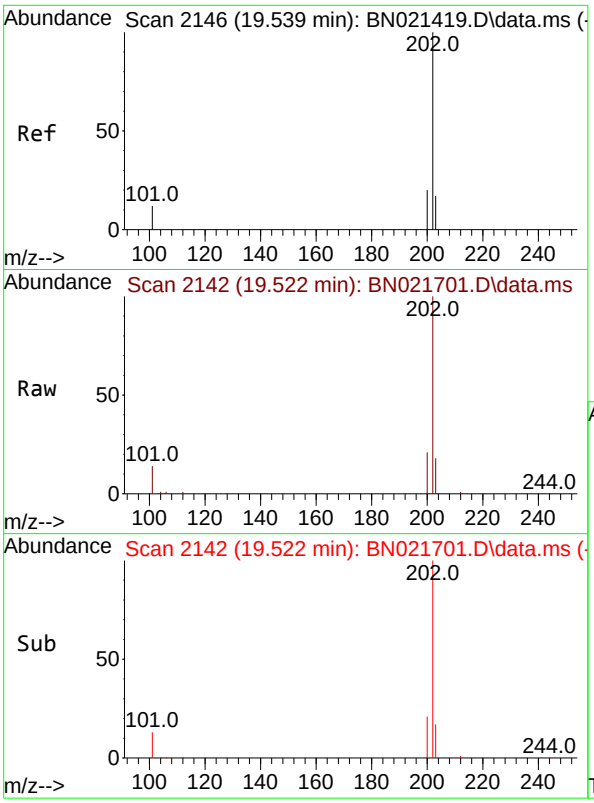


#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:212 Resp: 21053

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.2	21.2
104	10.0	7.8	11.6



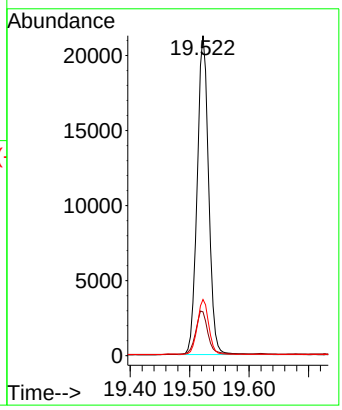


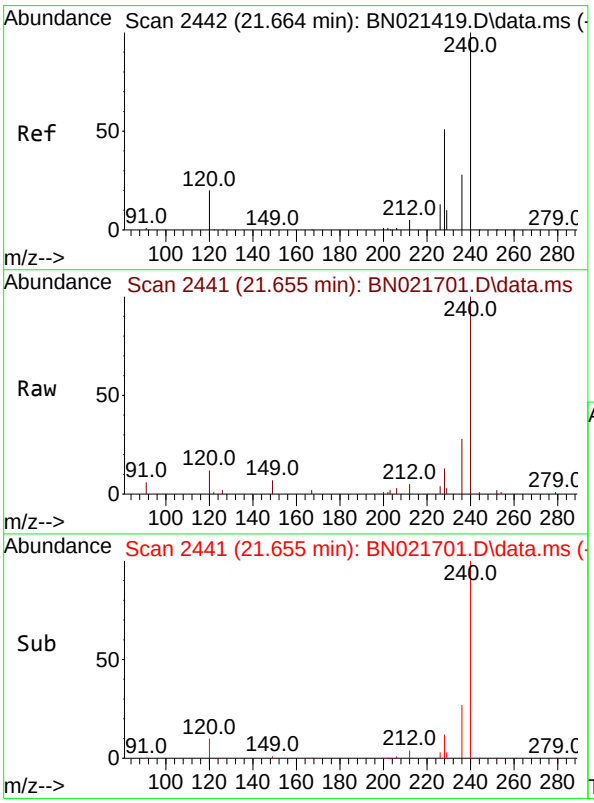
#28
Fluoranthene
Concen: 0.351 ng
RT: 19.522 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:202 Resp: 28331

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
203	17.1	13.8	20.6

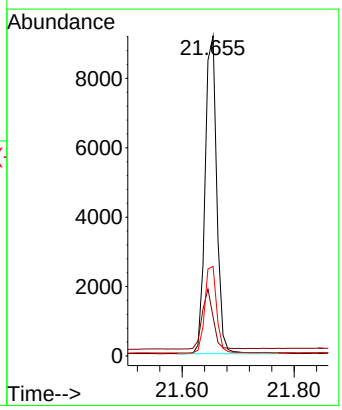


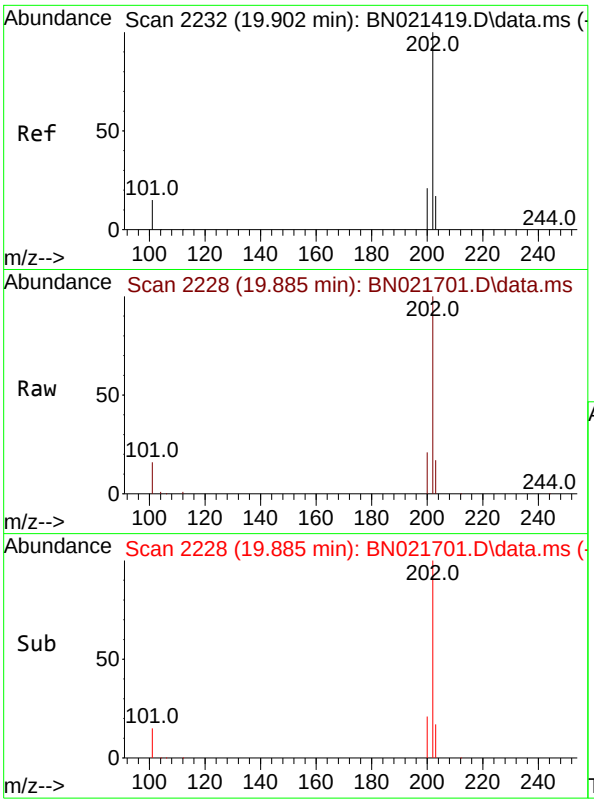


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:240 Resp: 13239

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.2	15.4
236	28.0	22.1	33.1



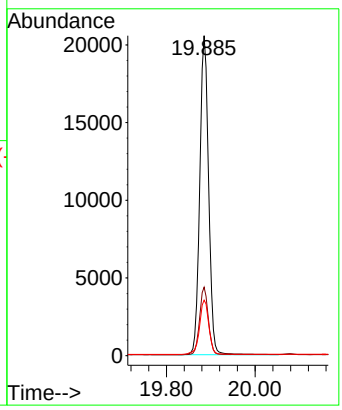


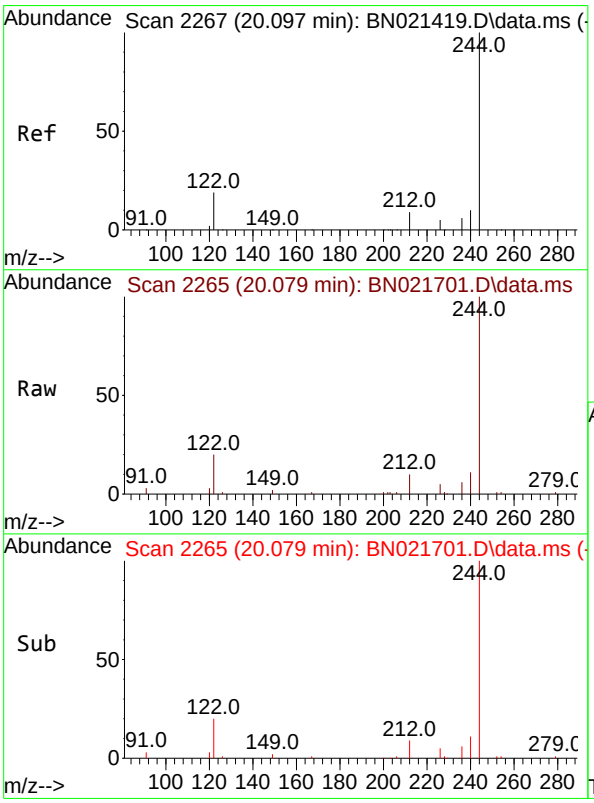
#30
Pyrene
Concen: 0.447 ng
RT: 19.885 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:202 Resp: 31534

Ion	Ratio	Lower	Upper
202	100		
200	18.8	13.9	20.9
203	16.0	11.9	17.9

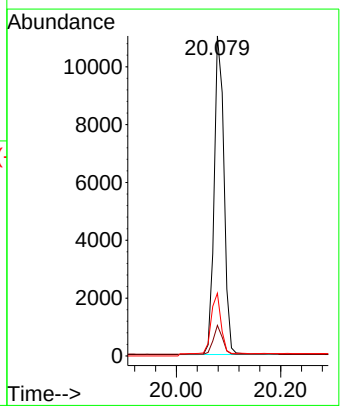


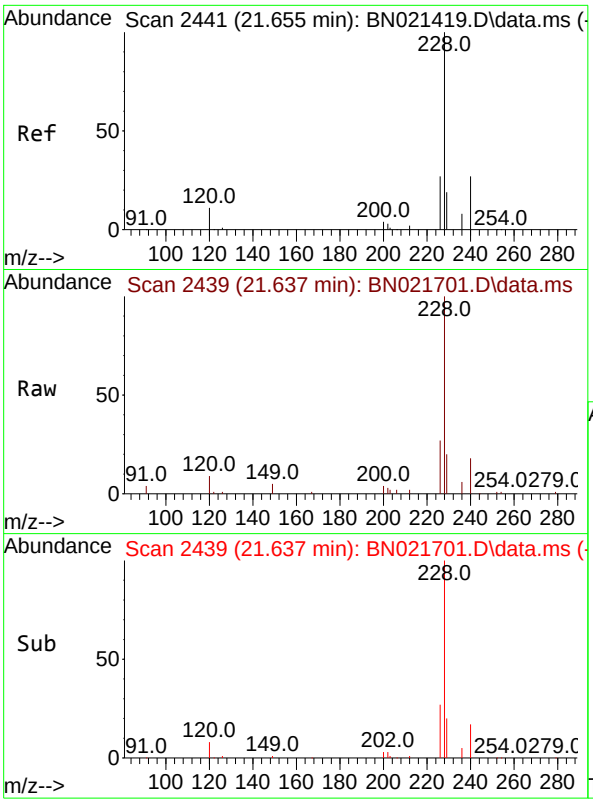


#31
Terphenyl-d14
Concen: 0.469 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:244 Resp: 13968

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.5	9.7
122	19.6	9.1	13.7#



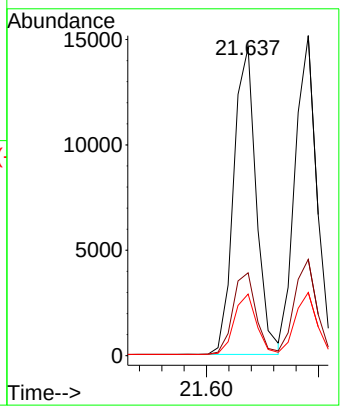


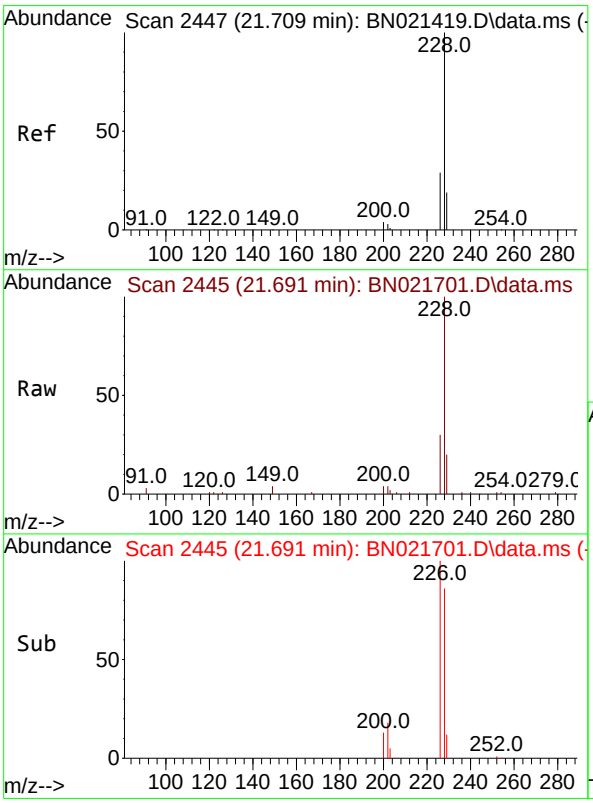
#32
Benzo(a)anthracene
Concen: 0.444 ng
RT: 21.637 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:228 Resp: 20480

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.0	33.0
229	20.0	15.9	23.9

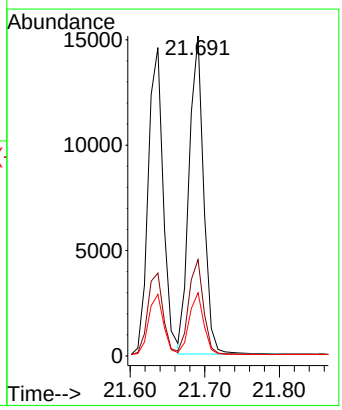


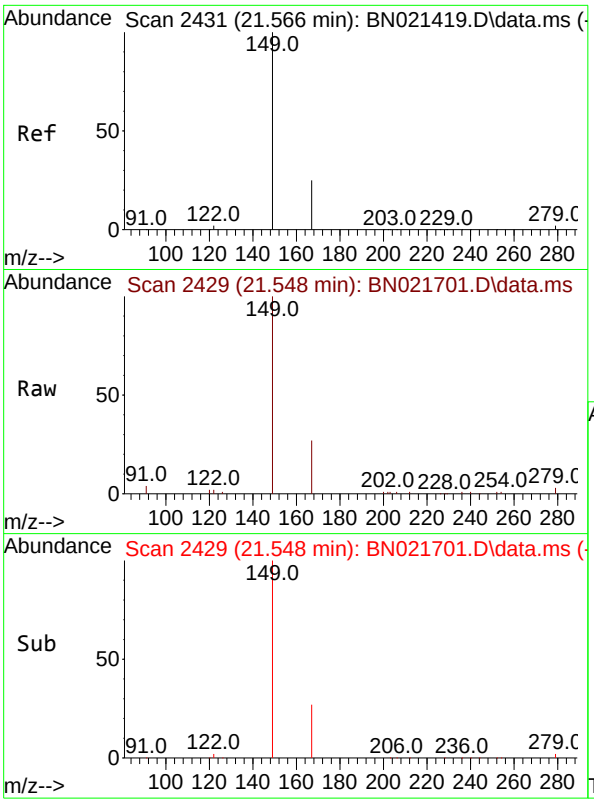


#33
Chrysene
Concen: 0.372 ng
RT: 21.691 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:228 Resp: 20451

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.8	15.9	23.9



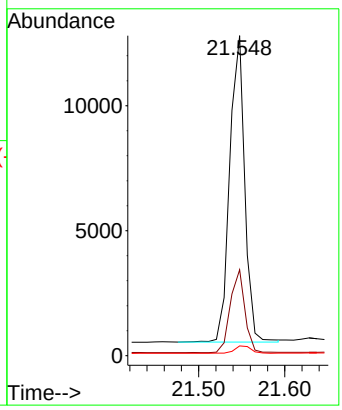


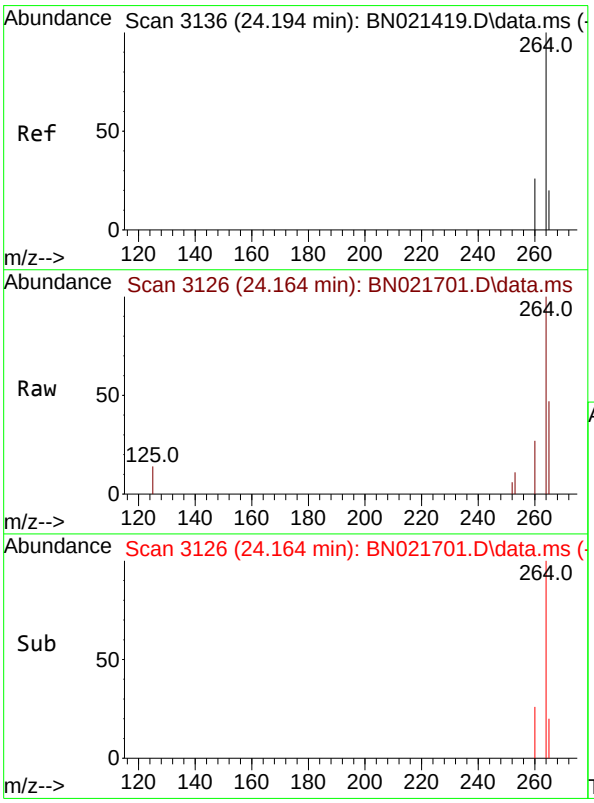
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.798 ng
RT: 21.548 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:149 Resp: 14816

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.4	32.0
279	2.7	2.2	3.2

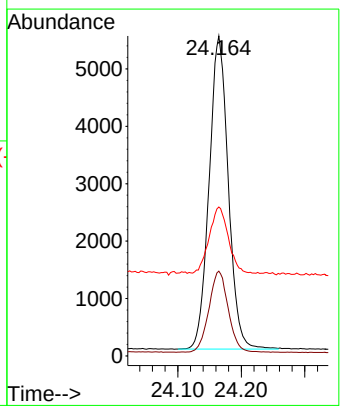


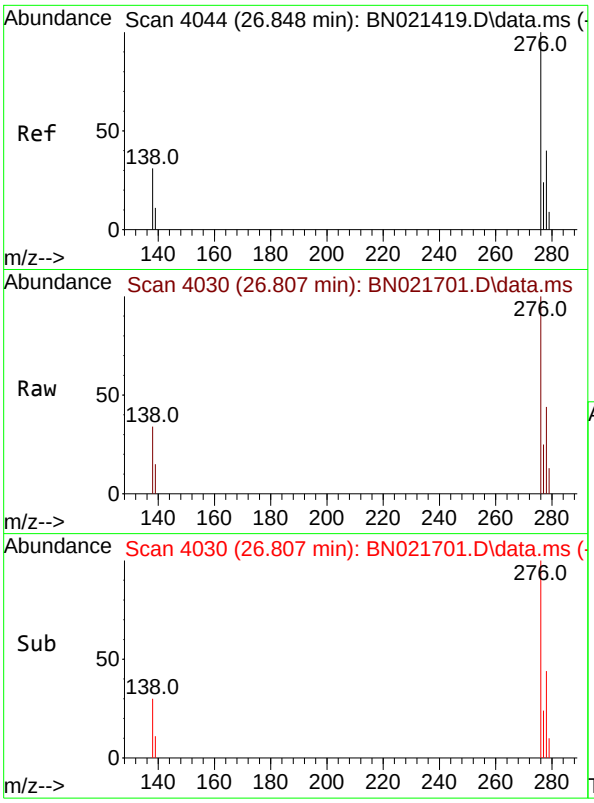


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.164 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:264 Resp: 11430

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.0	31.6
265	46.5	32.2	48.2



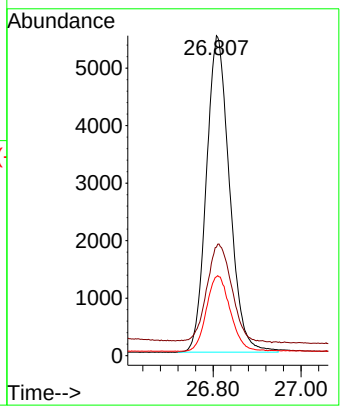


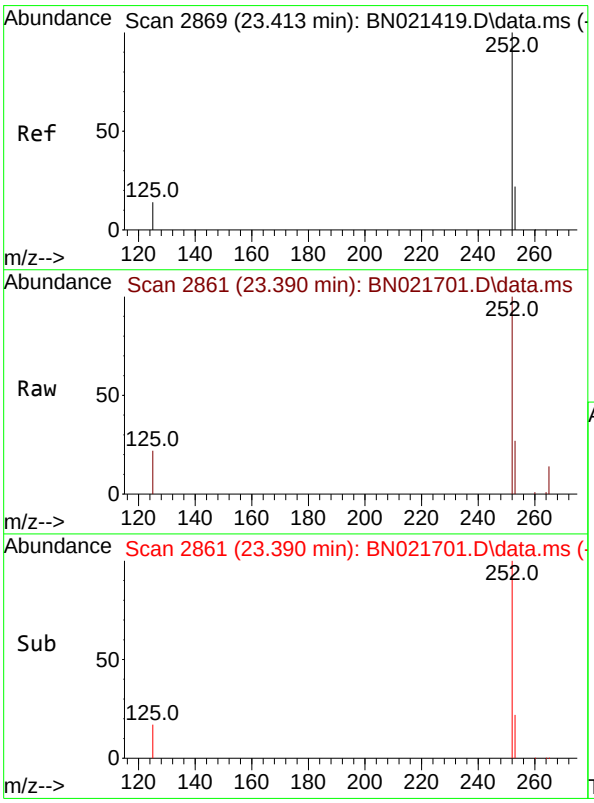
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 26.807 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:276 Resp: 20091

Ion	Ratio	Lower	Upper
276	100		
138	32.4	27.4	41.2
277	24.6	19.9	29.9

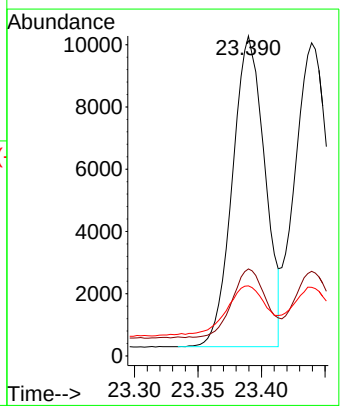


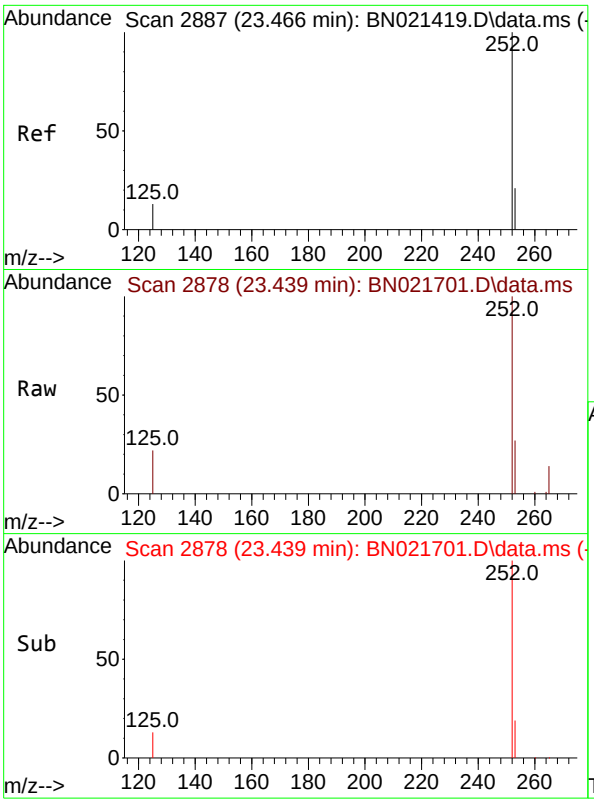


#37
Benzo(b)fluoranthene
Concen: 0.314 ng
RT: 23.390 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:252 Resp: 17696

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.8	29.6
125	21.9	13.7	20.5#



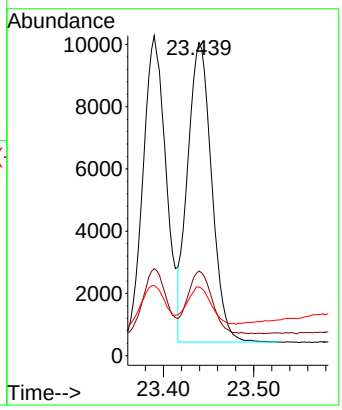


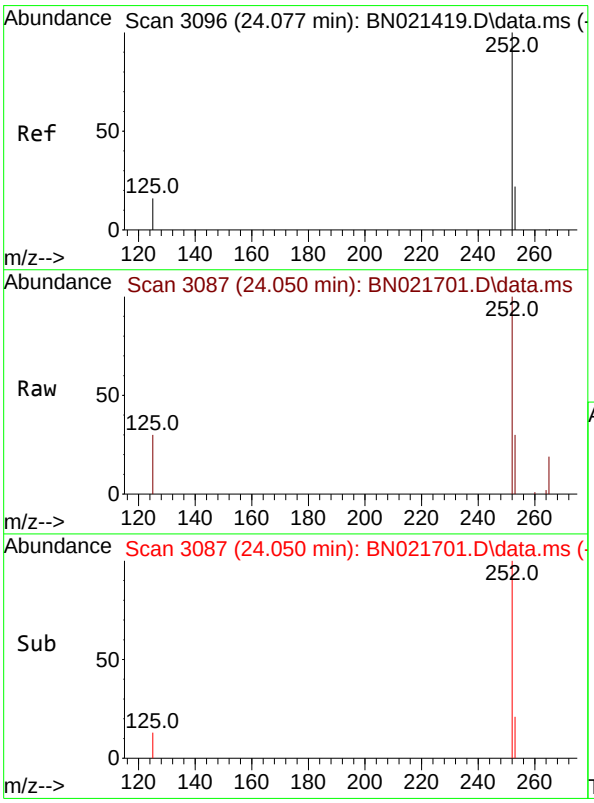
#38
Benzo(k)fluoranthene
Concen: 0.313 ng
RT: 23.439 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:252 Resp: 17762

Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.5	29.3
125	21.9	12.3	18.5#

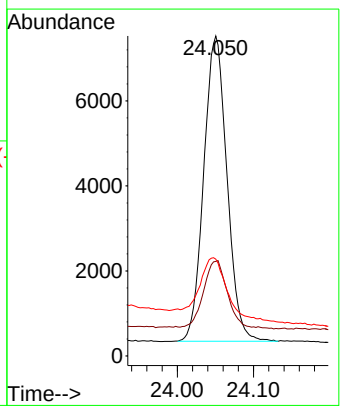


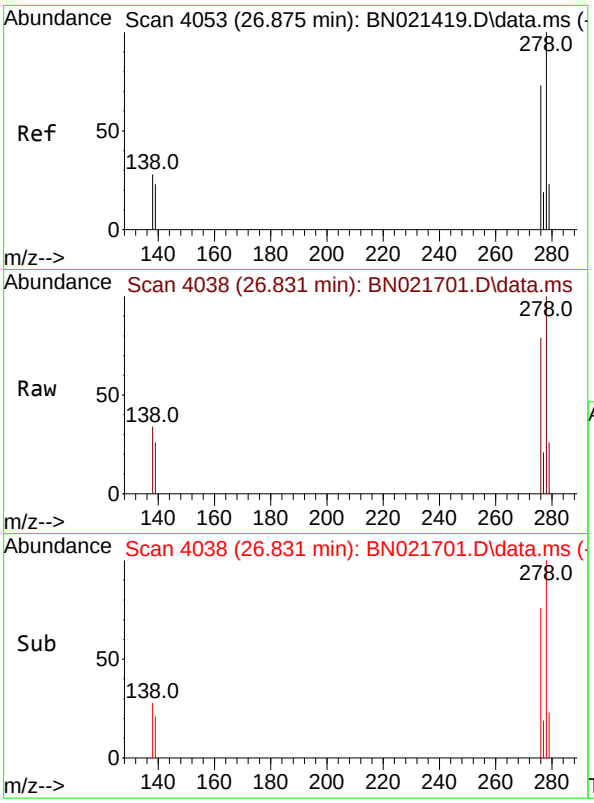


#39
Benzo(a)pyrene
Concen: 0.386 ng
RT: 24.050 min Scan# 3087
Delta R.T. -0.009 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:252 Resp: 15182

Ion	Ratio	Lower	Upper
252	100		
253	29.5	21.1	31.7
125	30.3	16.6	25.0#



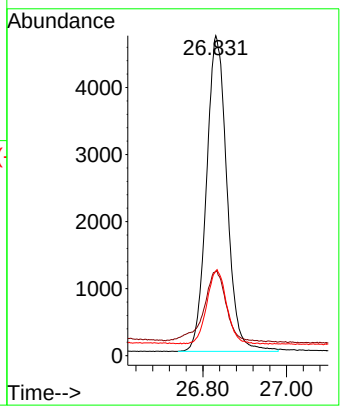


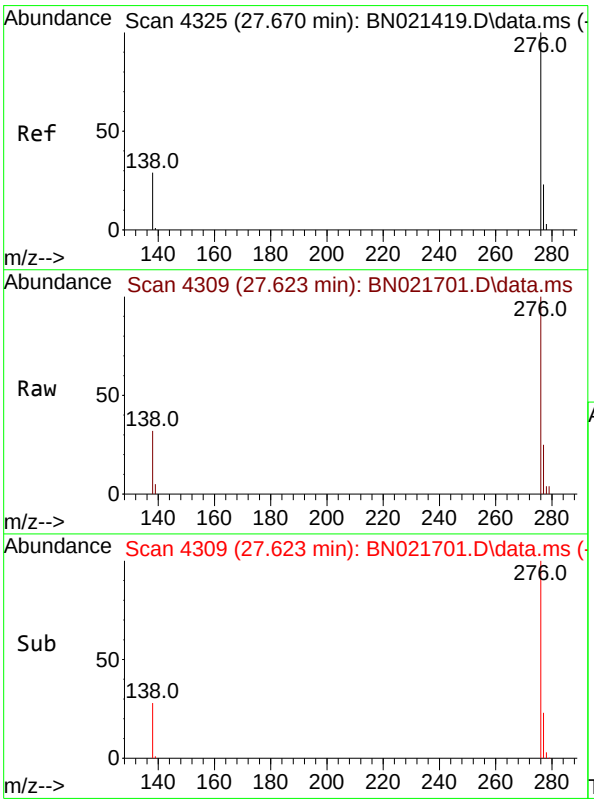
#40
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.831 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Instrument :
BNA_N
ClientSampleId :
PB147570BS

Tgt Ion:278 Resp: 15946

Ion	Ratio	Lower	Upper
278	100		
139	26.4	21.8	32.6
279	26.5	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 27.623 min Scan# 4309
Delta R.T. -0.009 min
Lab File: BN021701.D
Acq: 10 Sep 2022 17:05

Tgt Ion:276 Resp: 16561

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	32.2	23.7	35.5