Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021779.D
Acq On : 15 Sep 2022 22:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 16 06:27:26 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	4252	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	13533	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	8203	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	17985	0.400	ng		0.00
29) Chrysene-d12	21.643	240	13060	0.400	ng		#-0.01
35) Perylene-d12	24.150	264	9921	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	4398	0.395	ng		0.00
5) Phenol-d6	7.209	99	5621	0.399	ng		0.00
8) Nitrobenzene-d5	9.233	82	4154	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.471	152	13331	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	1226	0.327	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	13071	0.390	ng		0.00
27) Fluoranthene-d10	19.490	212	17359	0.359	ng		0.00
31) Terphenyl-d14	20.076	244	11784	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	2132	0.388	ng		97
3) n-Nitrosodimethylamine	3.736	42	2178	0.390	ng		91
6) bis(2-Chloroethyl)ether	7.469	93	5336	0.381	ng		99
9) Naphthalene	10.930	128	15400	0.386	ng		100
10) Hexachlorobutadiene	11.219	225	2605	0.390	ng	#	99
12) 2-Methylnaphthalene	12.176	142	3214	0.375	ng	#	97
16) Acenaphthylene	14.429	152	14070	0.359	ng		99
17) Acenaphthene	14.771	154	10223	0.382	ng		99
18) Fluorene	15.747	166	13450	0.378	ng		99
21) 4-Bromophenyl-phenylether	16.647	248	4115	0.371	ng	#	90
22) Hexachlorobenzene	16.763	284	4899	0.393	ng		99
23) Atrazine	16.913	200	3035	0.332	ng		100
24) Pentachlorophenol	17.109	266	1170	0.250	ng		100
25) Phenanthrene	17.502	178	22494	0.373	ng		99
26) Anthracene	17.594	178	18076	0.354	ng		100
28) Fluoranthene	19.519	202	23570	0.362	ng		100
30) Pyrene	19.882	202	25742	0.397	ng		99
32) Benzo(a)anthracene	21.625	228	18232	0.364	ng		98
33) Chrysene	21.679	228	20744	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	10764	0.322	ng		99
36) Indeno(1,2,3-cd)pyrene	26.793	276	17312	0.367	ng		99
37) Benzo(b)fluoranthene	23.378	252	17742	0.394	ng		97
38) Benzo(k)fluoranthene	23.430	252	16784	0.381	ng		97
39) Benzo(a)pyrene	24.038	252	13403	0.373	ng	#	93
40) Dibenzo(a,h)anthracene	26.816	278	13521	0.362	ng		99
41) Benzo(g,h,i)perylene	27.605	276	14216	0.370	ng		98

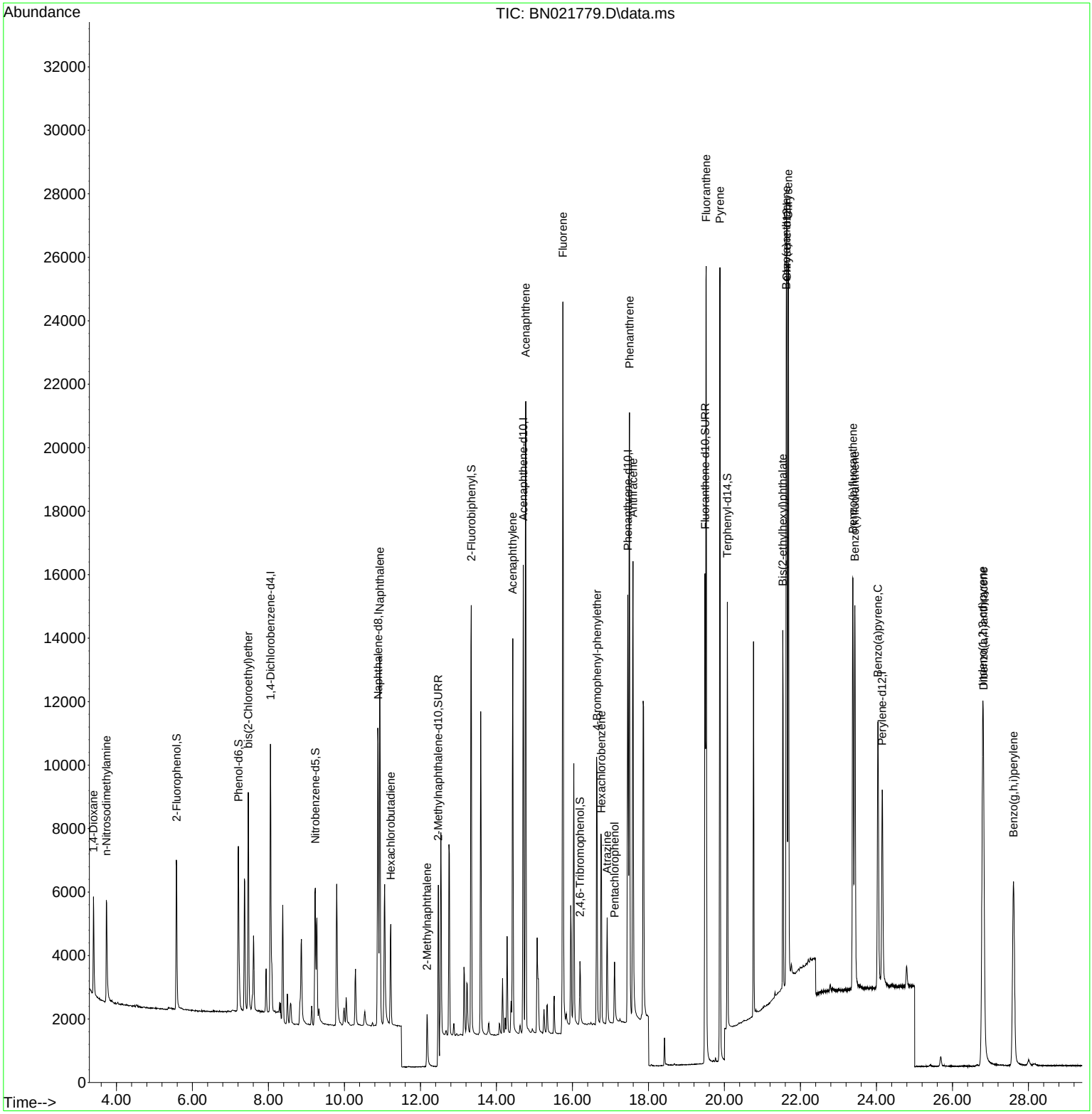
(#) = qualifier out of range (m) = manual integration (+) = signals summed

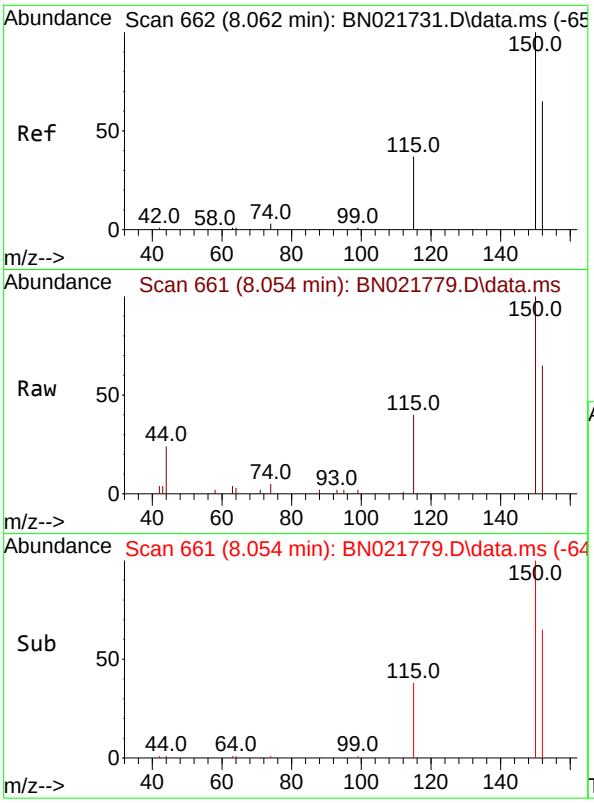
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021779.D
Acq On : 15 Sep 2022 22:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 16 06:27:26 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



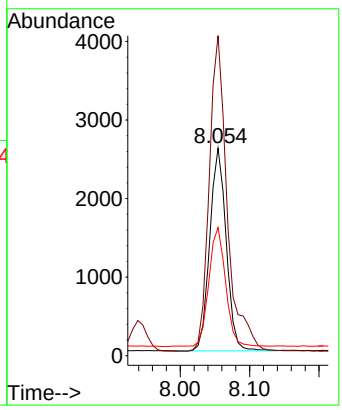


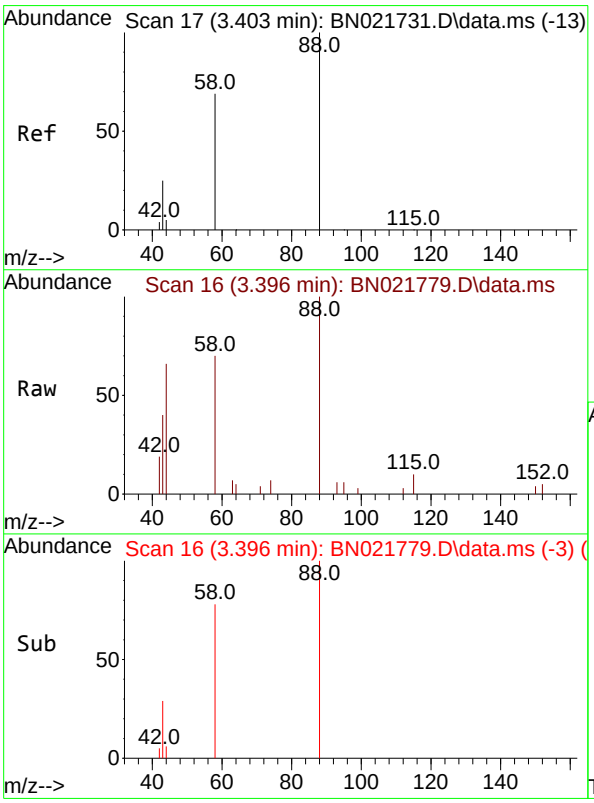
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4252

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	61.7	48.3	72.5

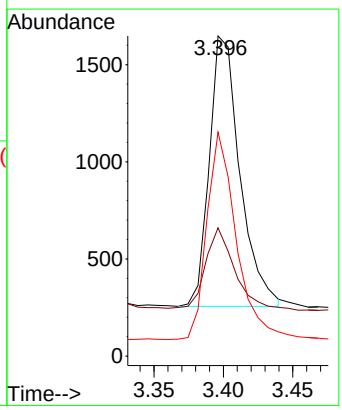


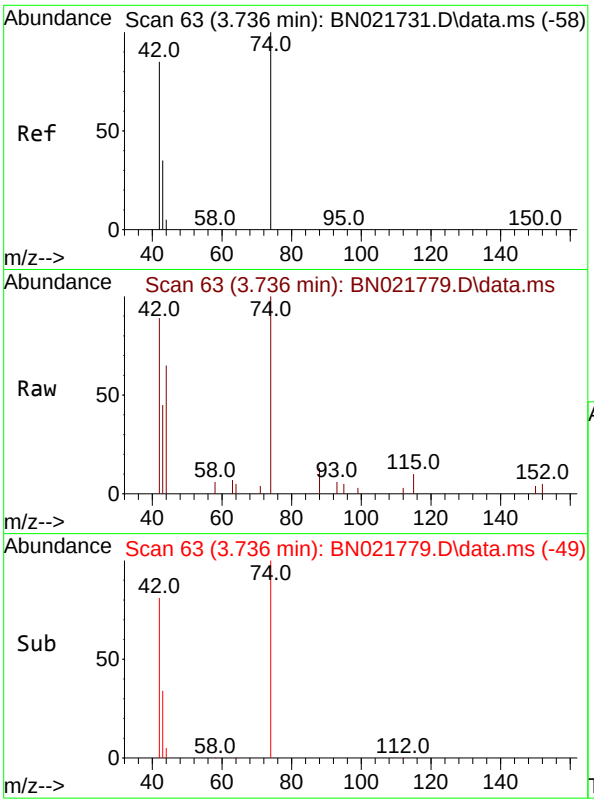


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.396 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion: 88 Resp: 2132

Ion	Ratio	Lower	Upper
88	100		
43	27.3	24.2	36.2
58	73.4	60.2	90.4



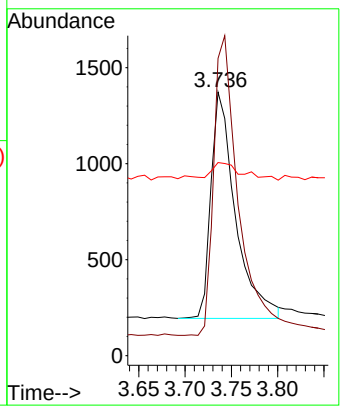


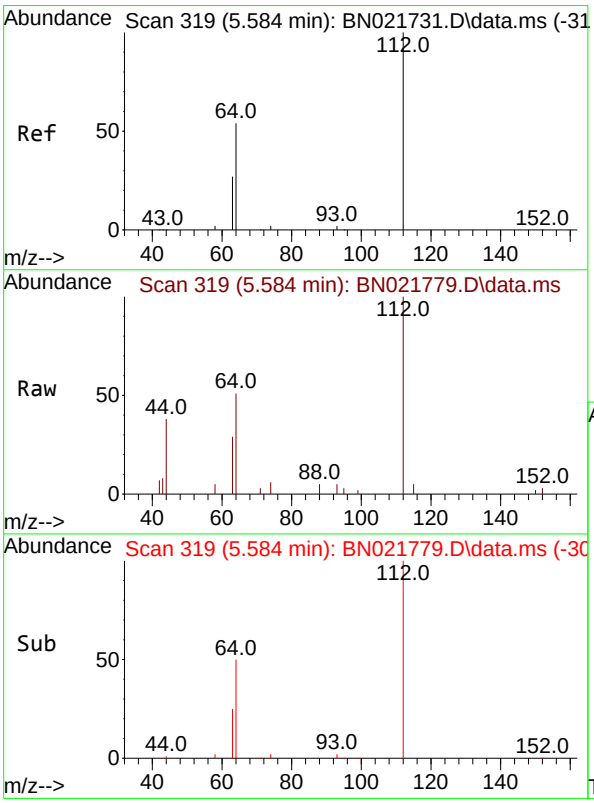
#3
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.736 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2178

Ion	Ratio	Lower	Upper
42	100		
74	133.2	116.3	174.5
44	9.3	9.0	13.4

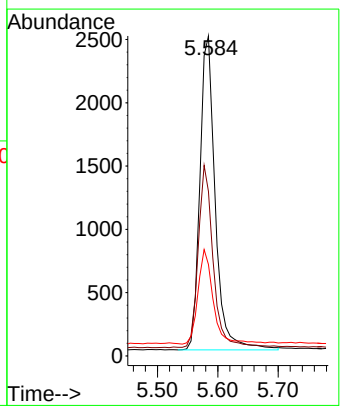


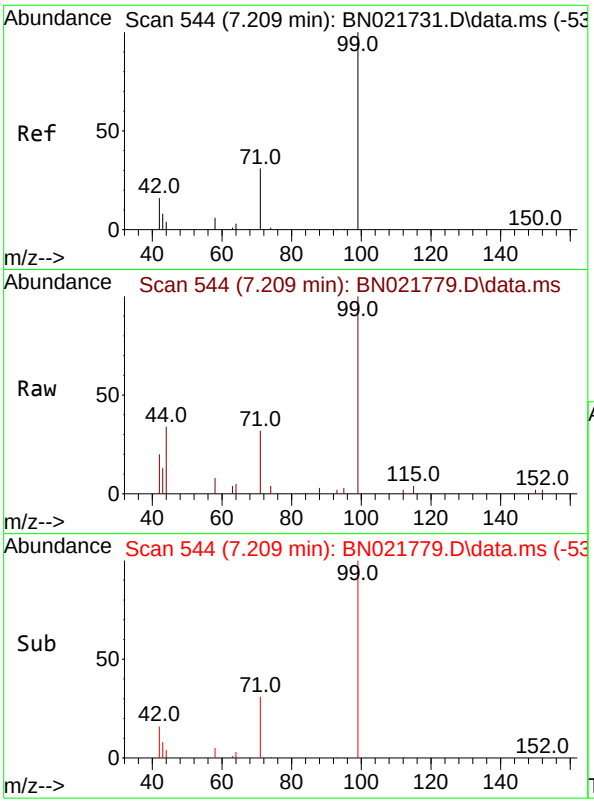


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:112 Resp: 4398

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	29.9	23.3	34.9



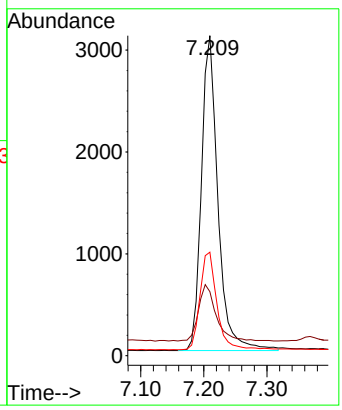


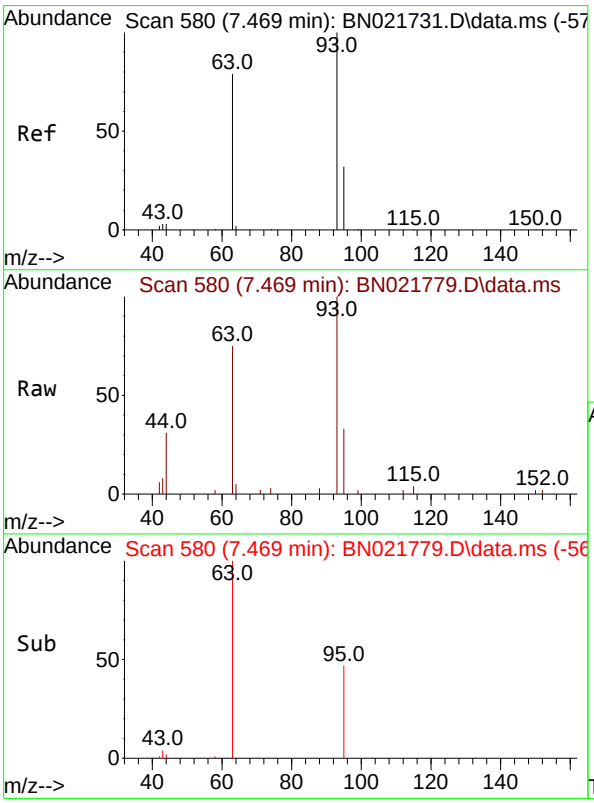
#5
Phenol-d6
Concen: 0.399 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5621

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	32.0	25.3	37.9

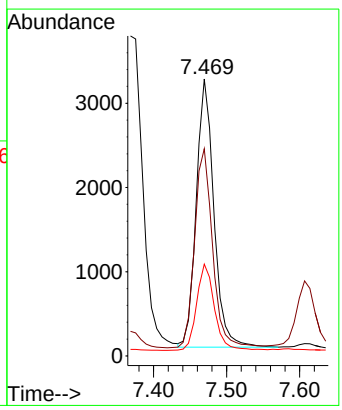


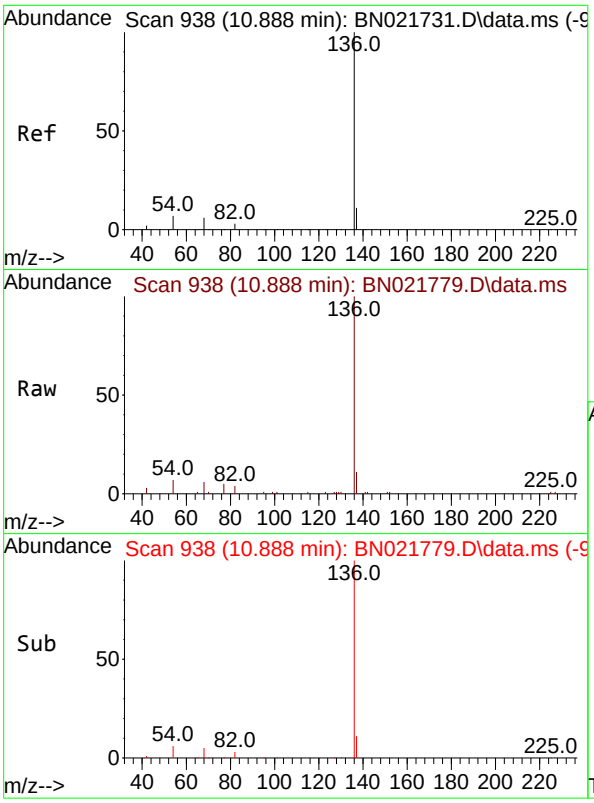


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion: 93 Resp: 5336

Ion	Ratio	Lower	Upper
93	100		
63	75.9	60.0	90.0
95	32.6	26.2	39.4



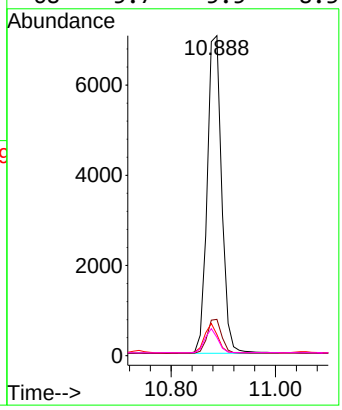


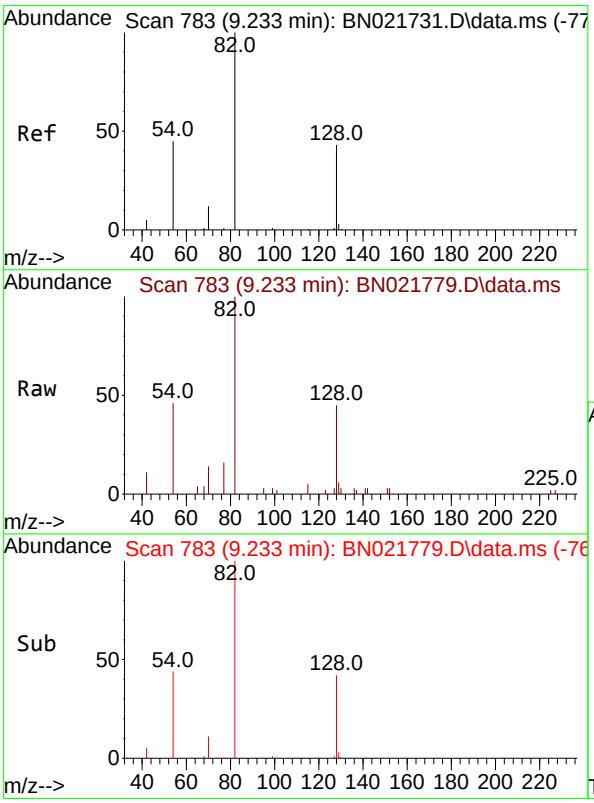
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13533

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.6	6.4	9.6
68	5.7	5.5	8.3

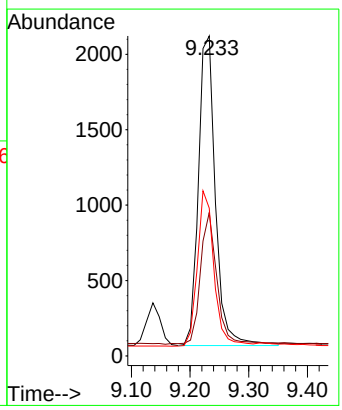


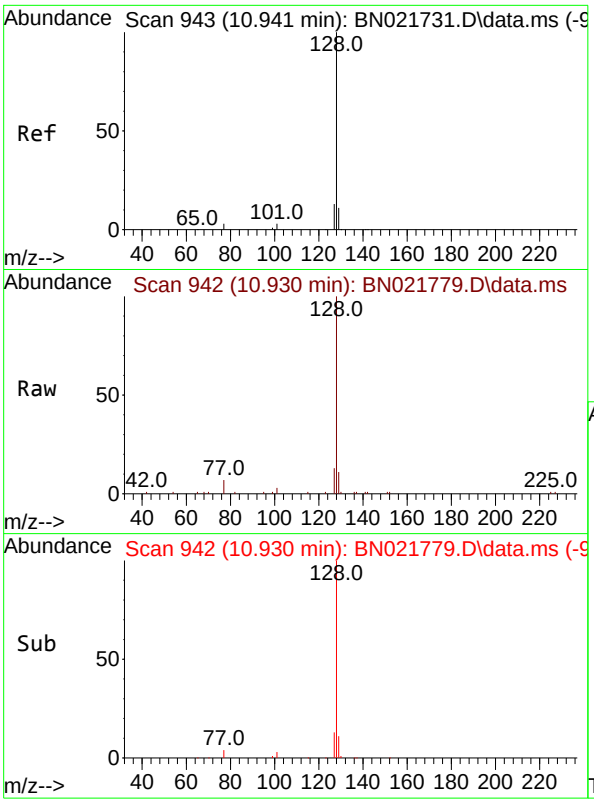


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion: 82 Resp: 4154

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.6	53.4
54	46.2	37.8	56.8



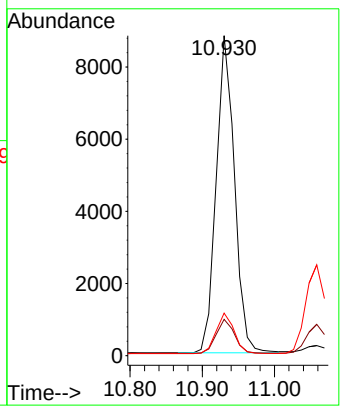


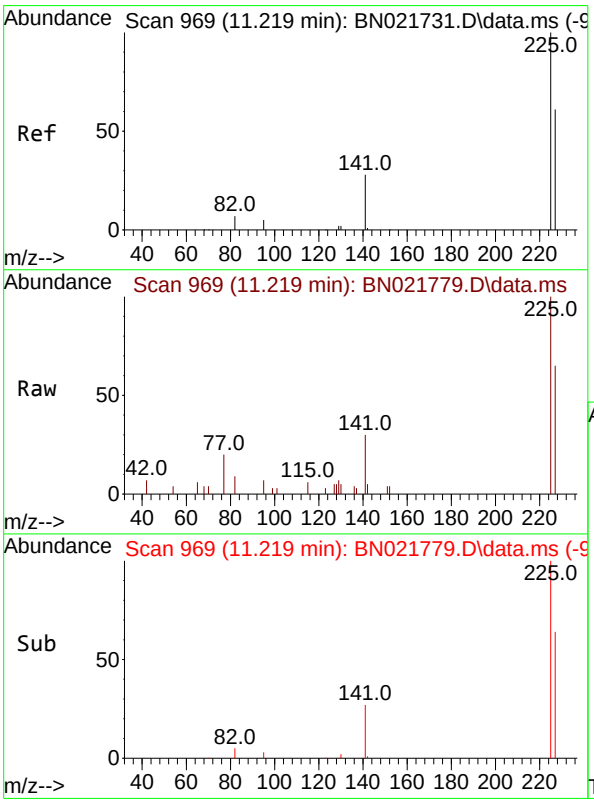
#9
Naphthalene
Concen: 0.386 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15400

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.3	10.5	15.7

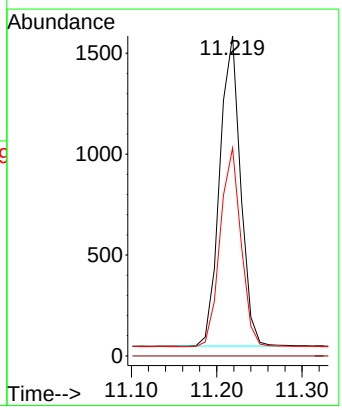


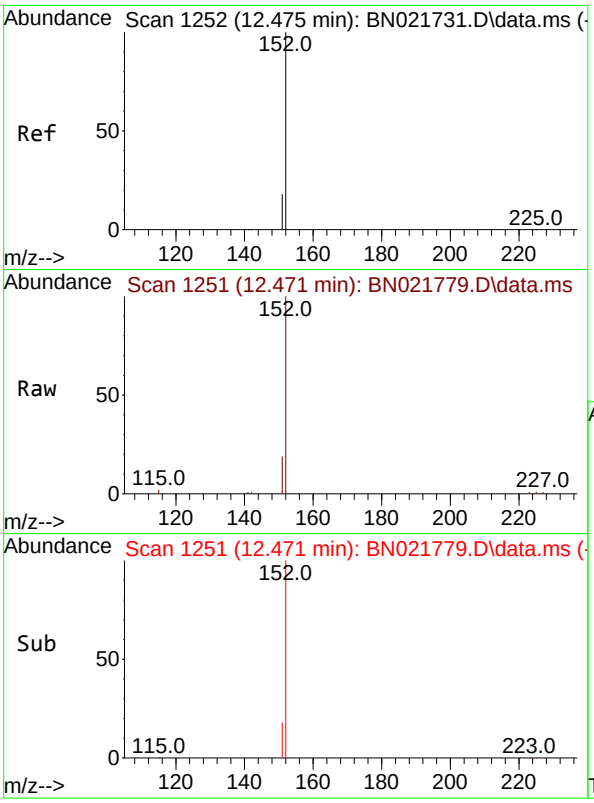


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.219 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:225 Resp: 2605

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.4	75.6



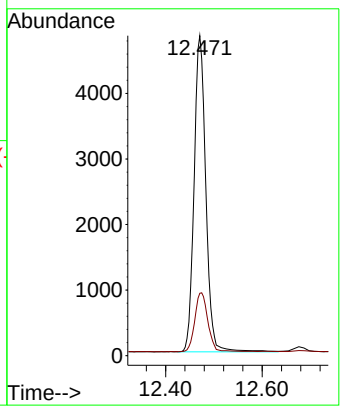


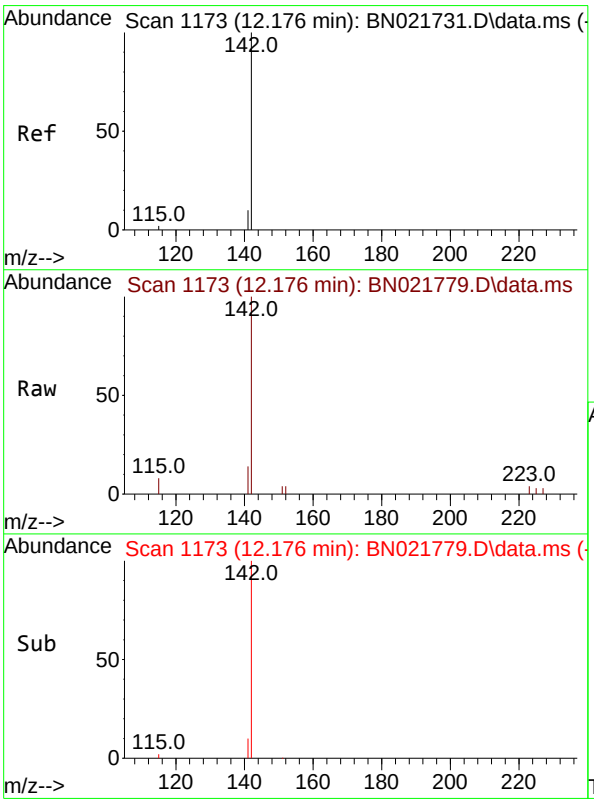
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13331

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.6	23.4

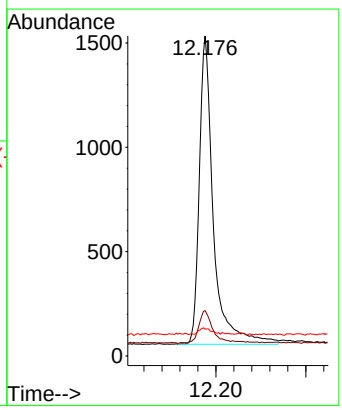


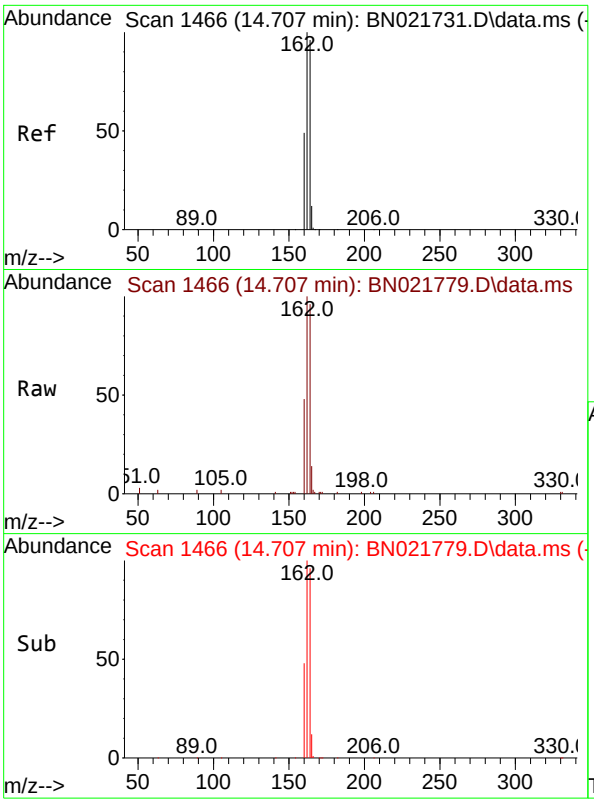


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:142 Resp: 3214

Ion	Ratio	Lower	Upper
142	100		
141	14.1	10.6	16.0
115	8.4	5.6	8.4#



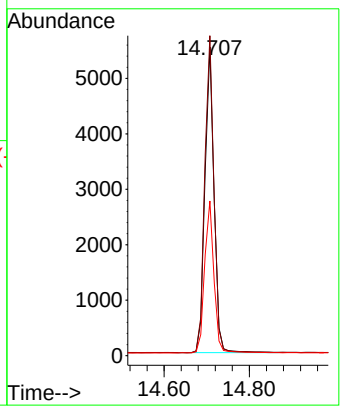


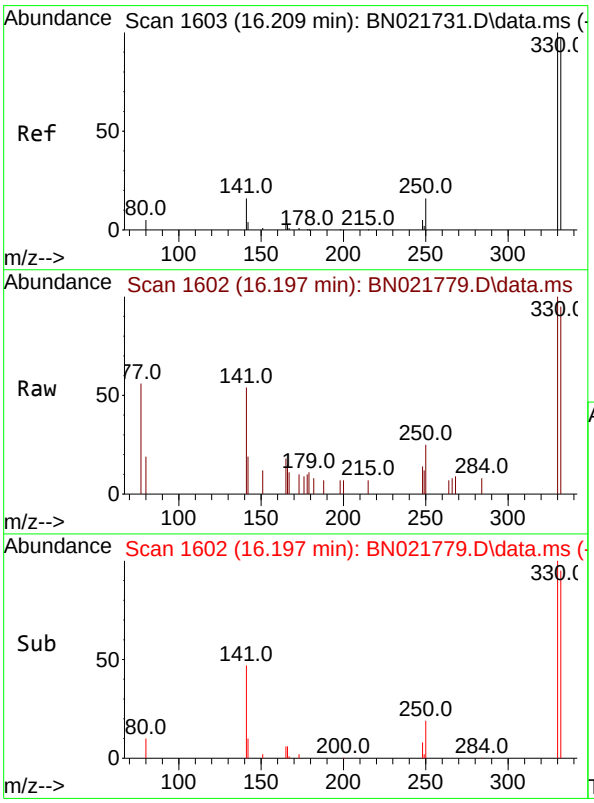
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8203

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.2	124.8
160	50.1	40.9	61.3

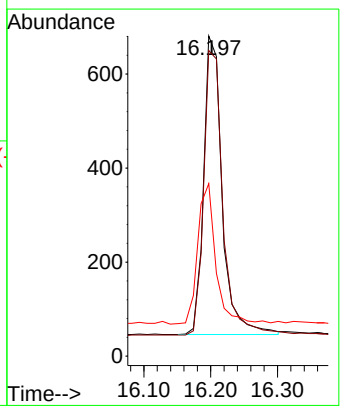


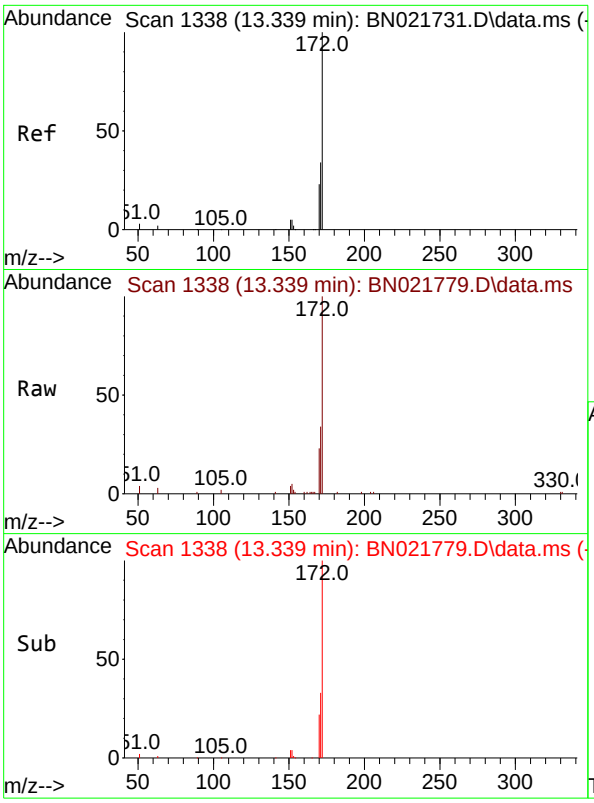


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:330 Resp: 1226

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.8	115.2
141	46.2	37.2	55.8



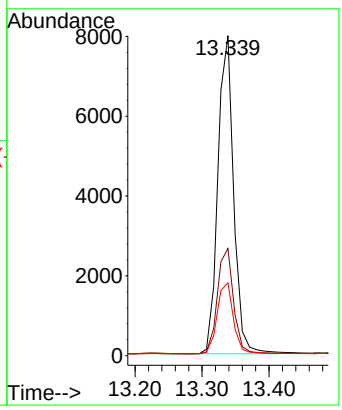


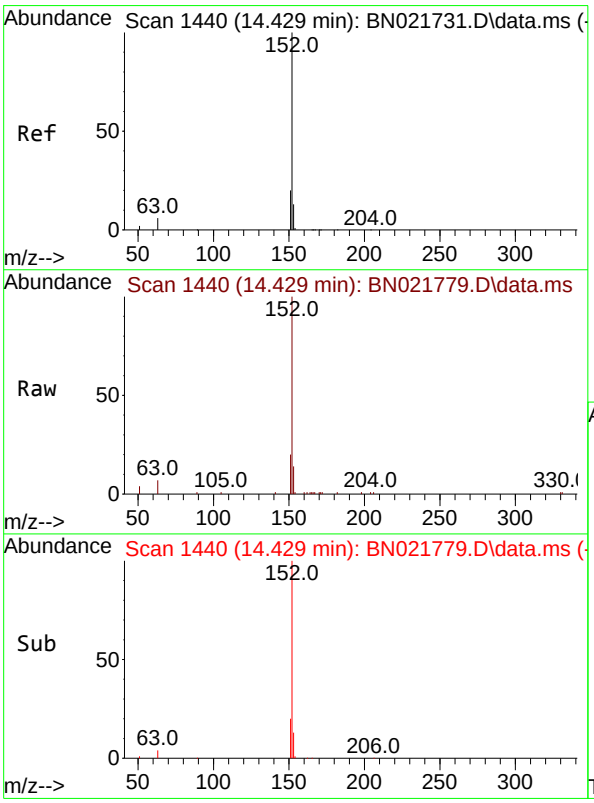
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13071

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.7	41.5
170	22.7	18.8	28.2

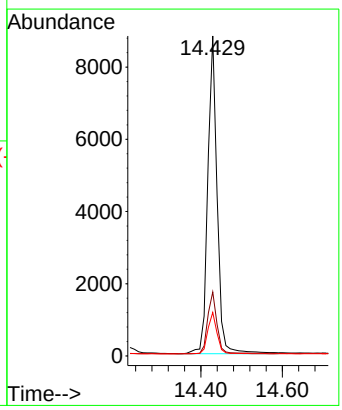


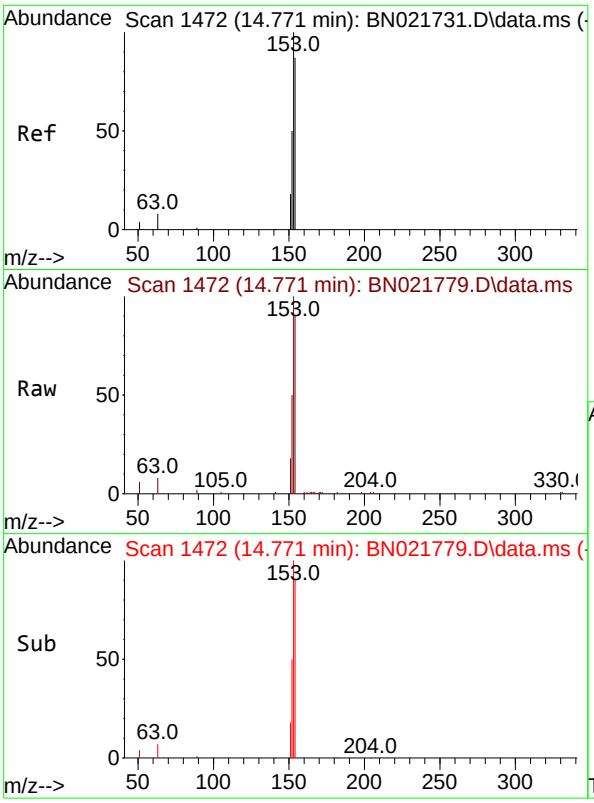


#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:152 Resp: 14070

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0
153	13.2	10.3	15.5



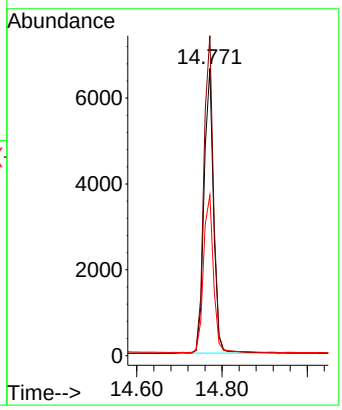


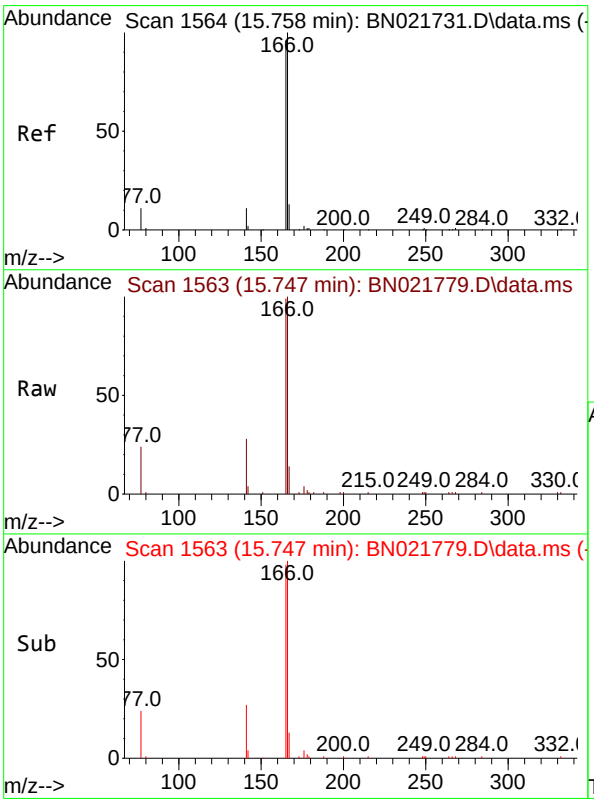
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10223

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.0	136.4
152	58.1	46.0	69.0

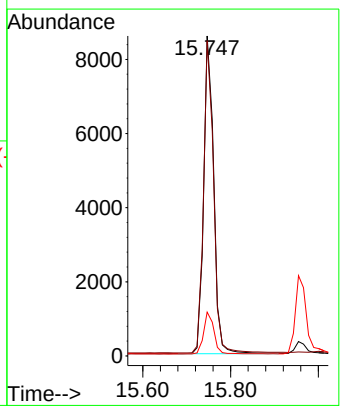


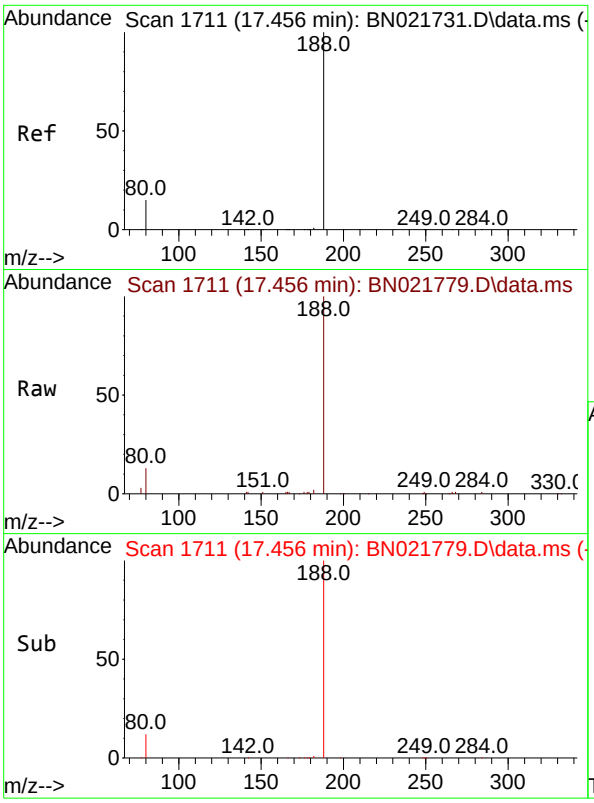


#18
Fluorene
Concen: 0.378 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:166 Resp: 13450

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.4	119.0
167	13.6	10.6	15.8



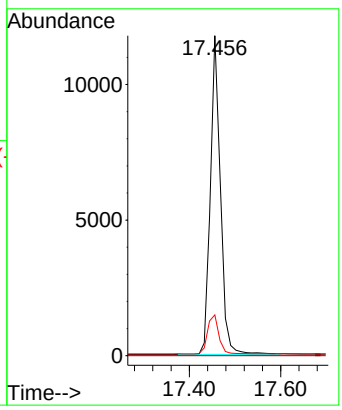


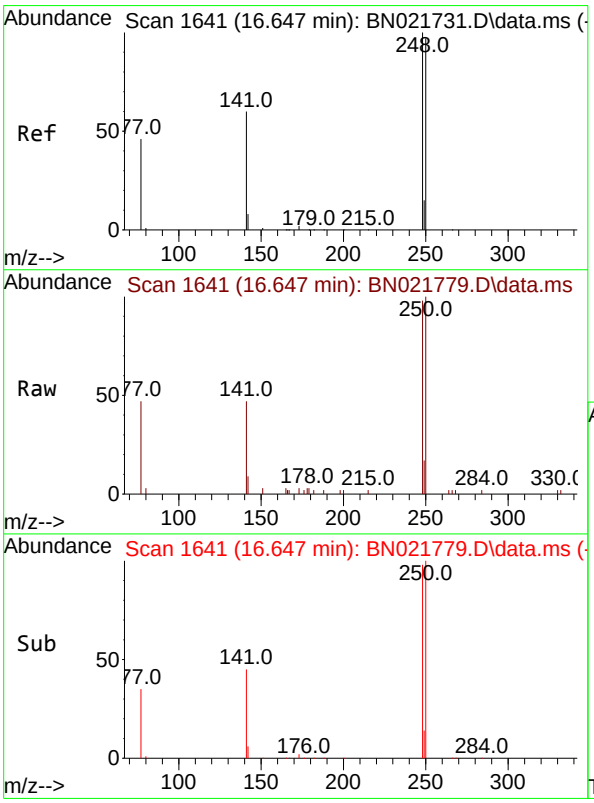
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17985

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	12.6	19.0

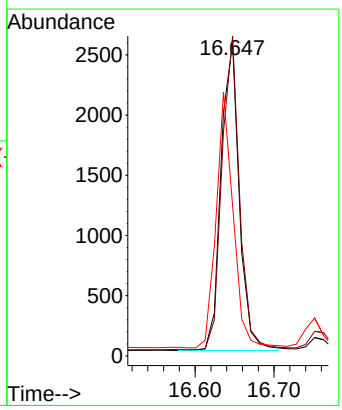


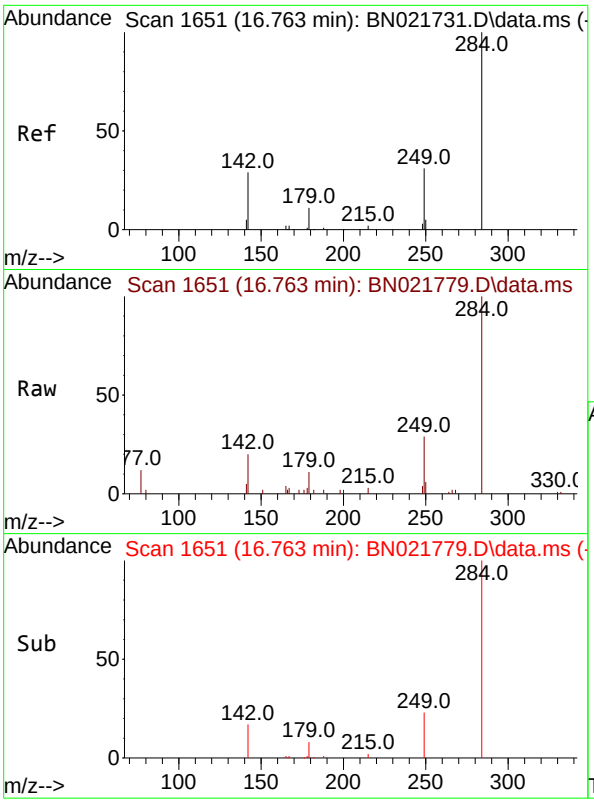


#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:248 Resp: 4115

Ion	Ratio	Lower	Upper
248	100		
250	102.3	77.8	116.8
141	48.1	49.0	73.4#



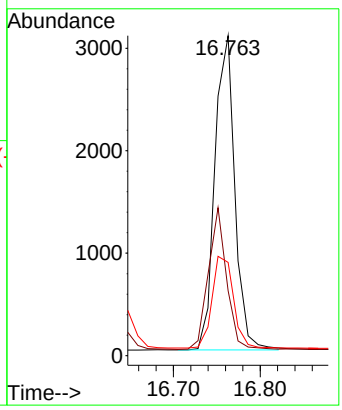


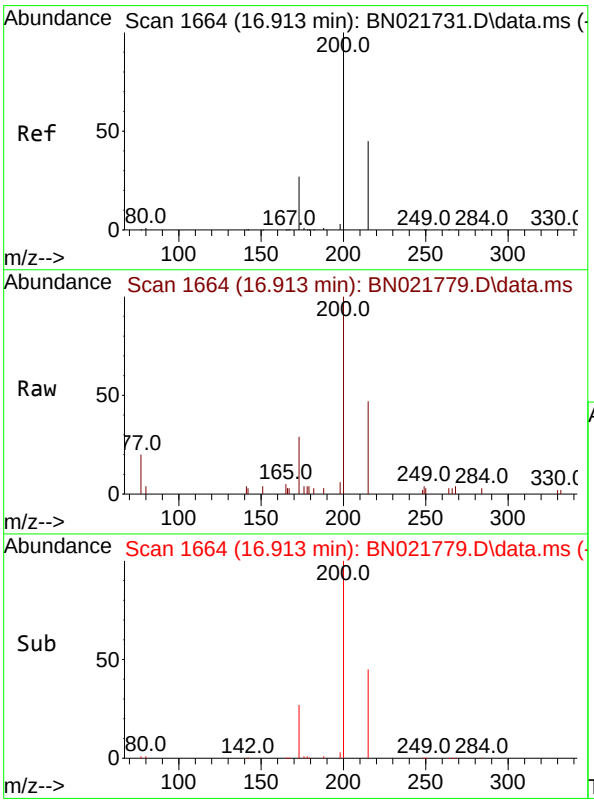
#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4899

Ion	Ratio	Lower	Upper
284	100		
142	41.1	33.4	50.2
249	31.1	25.1	37.7

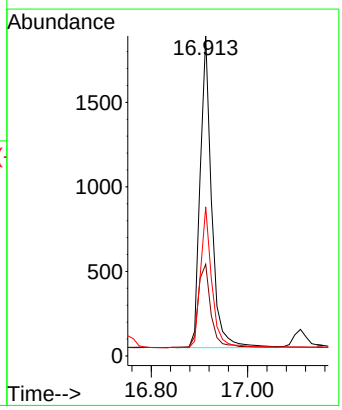


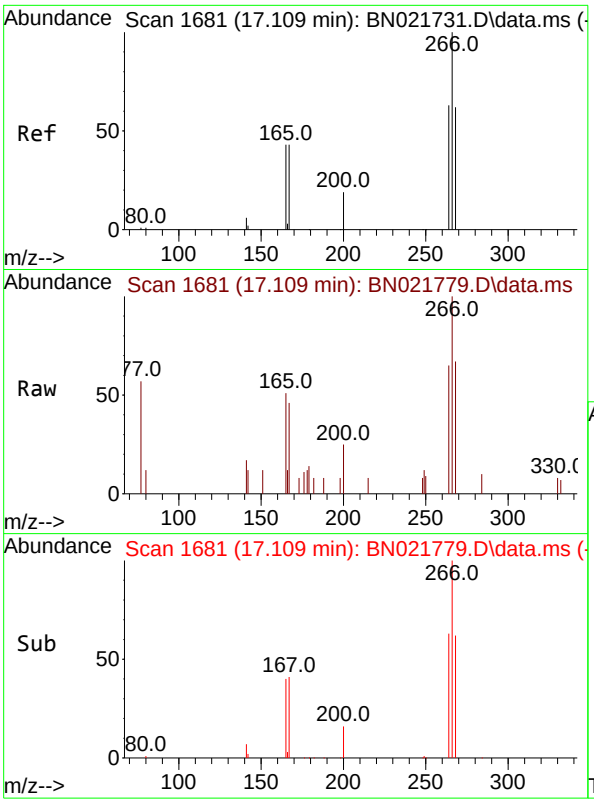


#23
Atrazine
Concen: 0.332 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:200 Resp: 3035

Ion	Ratio	Lower	Upper
200	100		
173	28.6	22.9	34.3
215	46.6	36.9	55.3



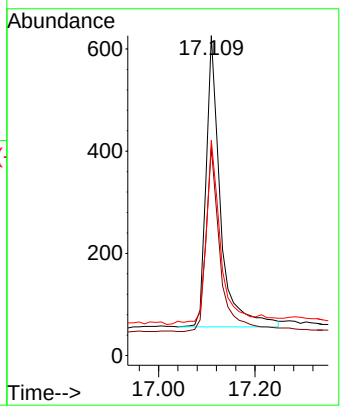


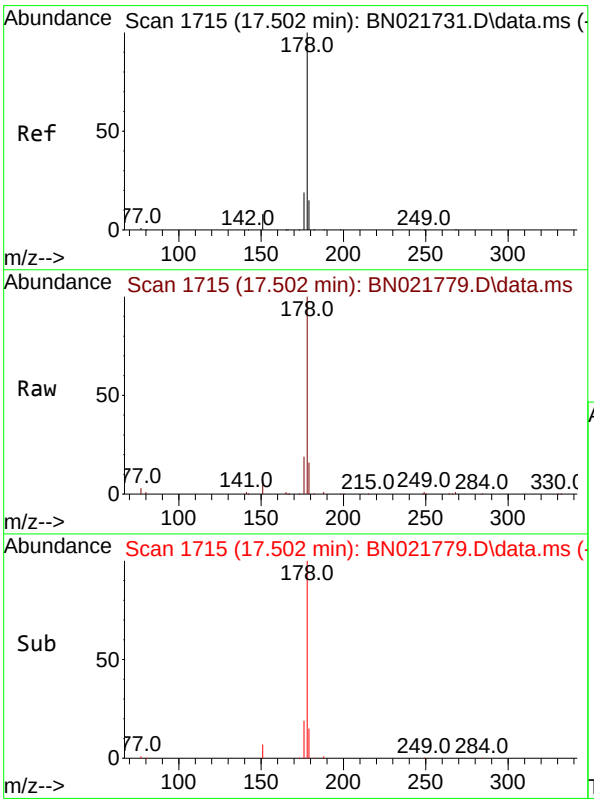
#24
Pentachlorophenol
Concen: 0.250 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1170

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.0	75.0
268	62.7	50.2	75.2

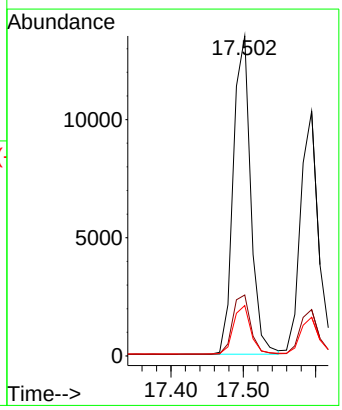


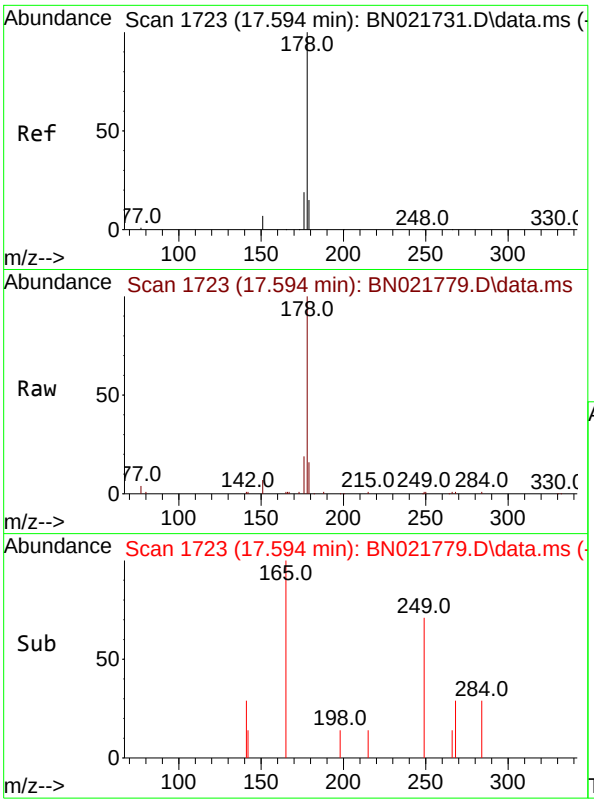


#25
Phenanthrene
Concen: 0.373 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:178 Resp: 22494

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.2	18.4



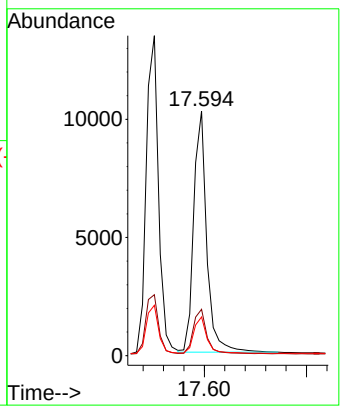


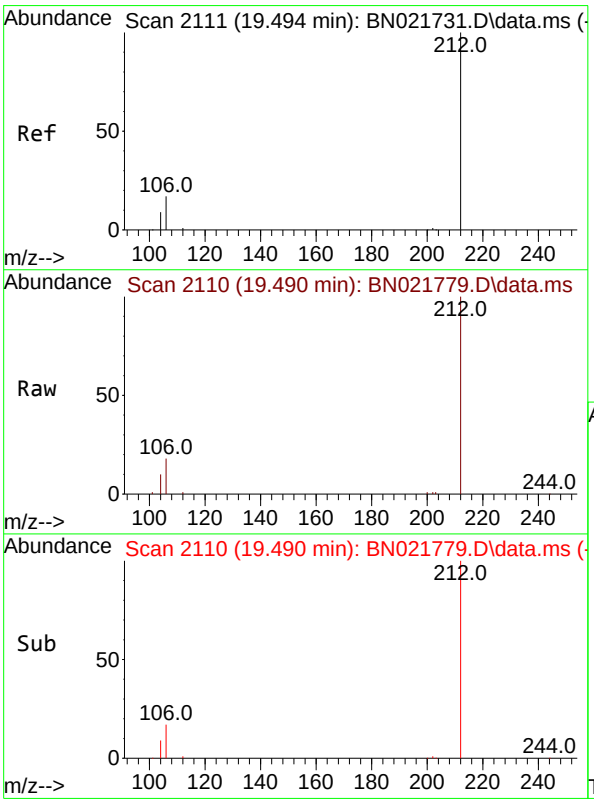
#26
Anthracene
Concen: 0.354 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18076

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.2	18.2

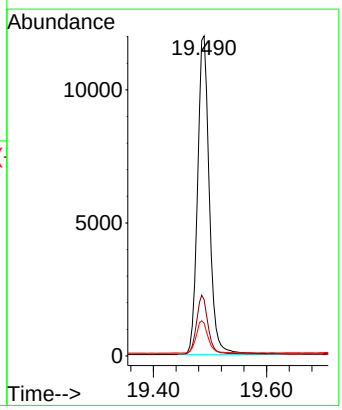


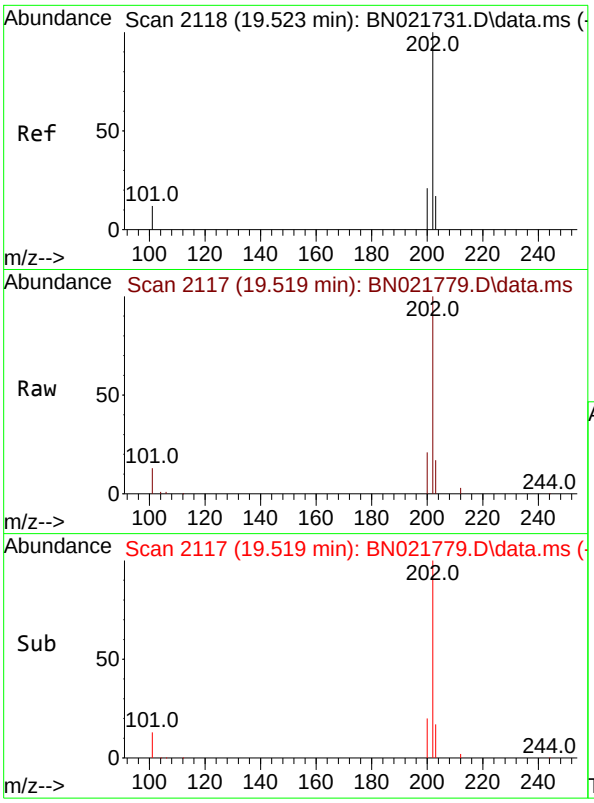


#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:212 Resp: 17359

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.3	21.5
104	10.1	8.0	12.0



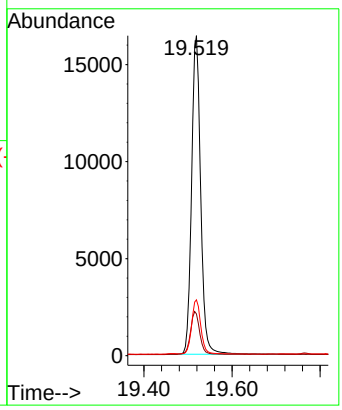


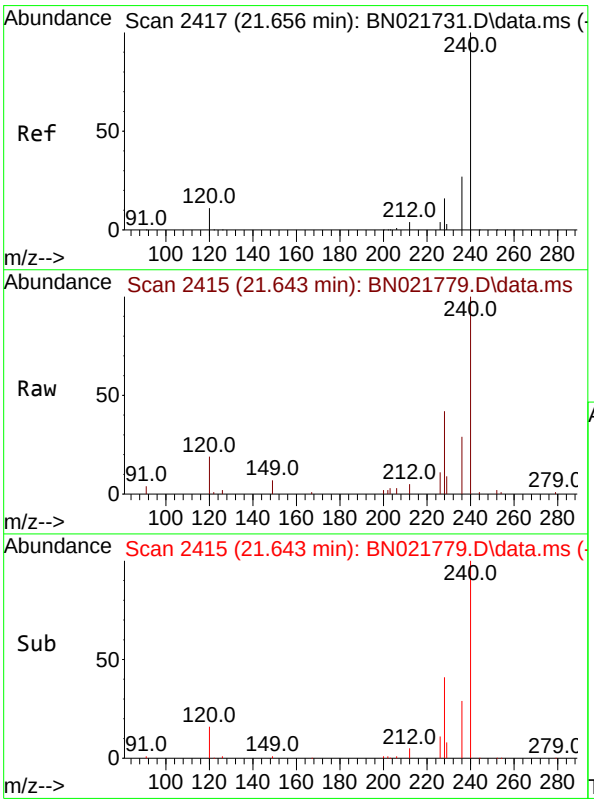
#28
Fluoranthene
Concen: 0.362 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 23570

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
203	17.1	13.7	20.5

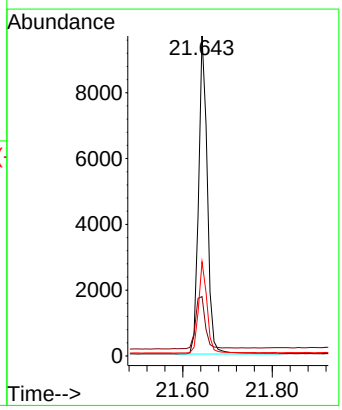


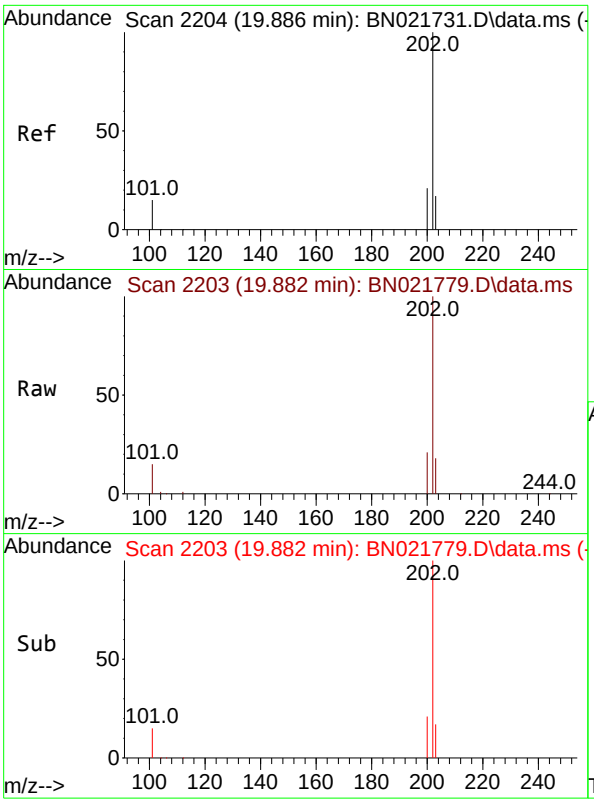


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2415
Delta R.T. -0.013 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:240 Resp: 13060

Ion	Ratio	Lower	Upper
240	100		
120	18.5	9.8	14.8#
236	29.5	22.2	33.4



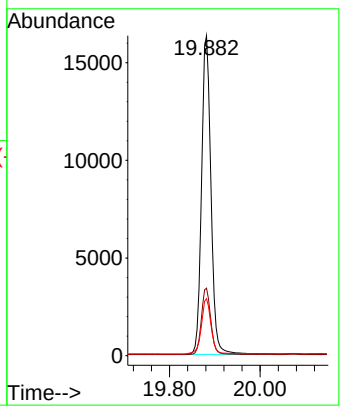


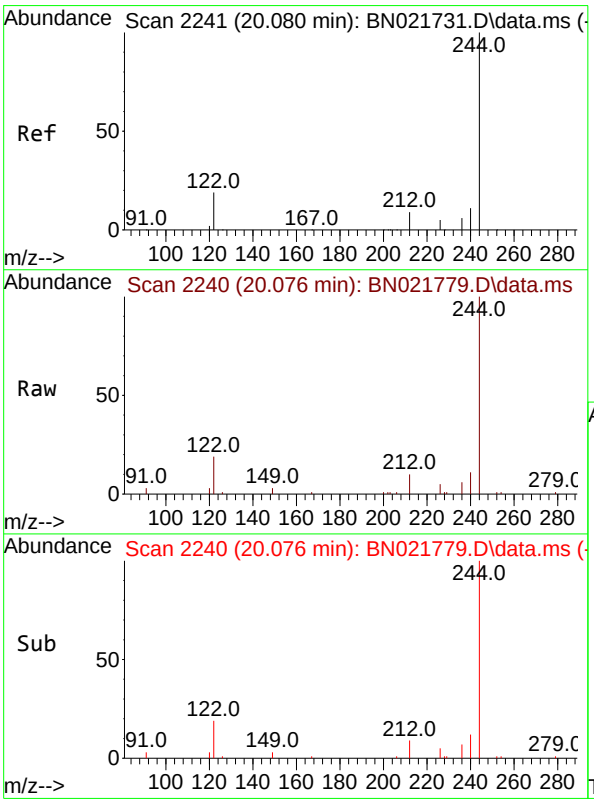
#30
Pyrene
Concen: 0.397 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25742

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

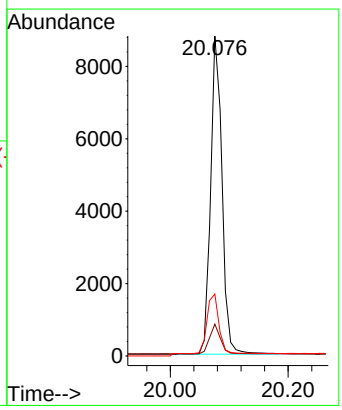


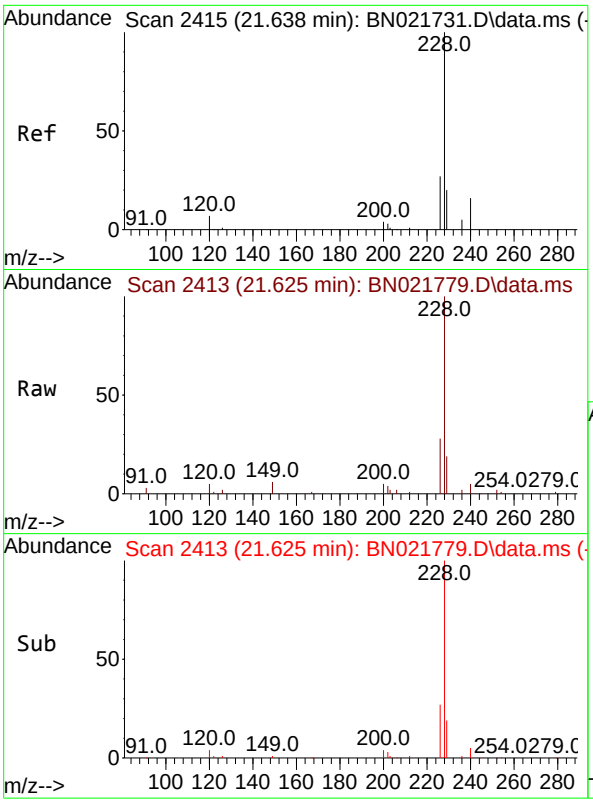


#31
Terphenyl-d14
Concen: 0.395 ng
RT: 20.076 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:244 Resp: 11784

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	19.4	15.8	23.8



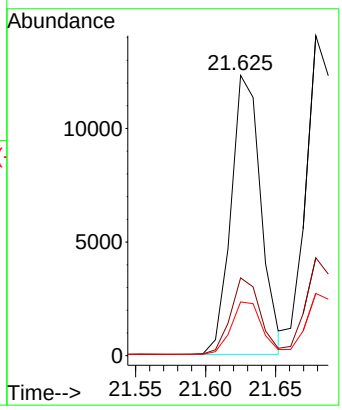


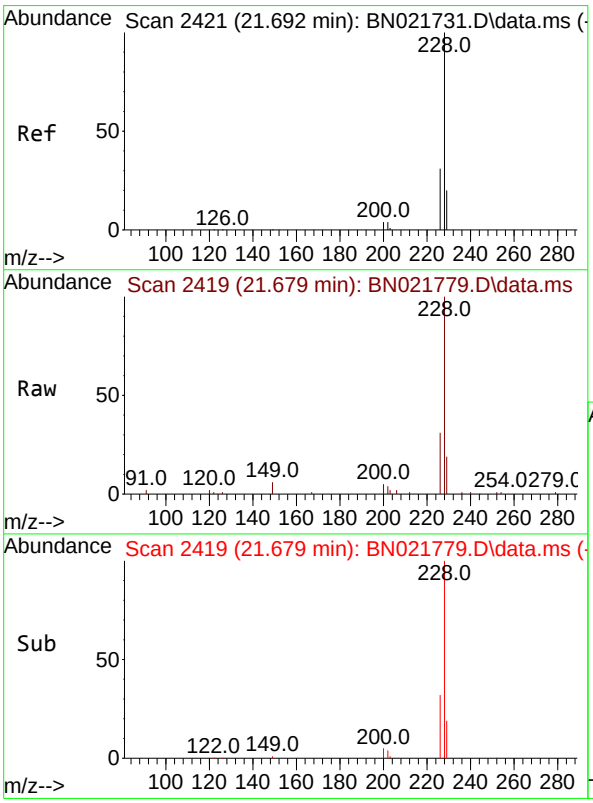
#32
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 18232

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.5	32.3
229	19.1	15.8	23.8

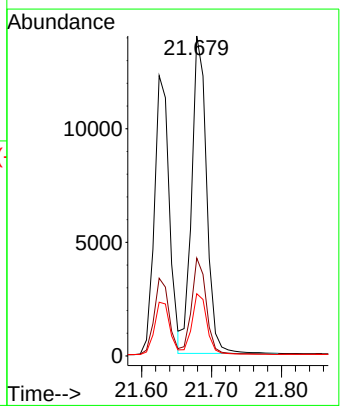


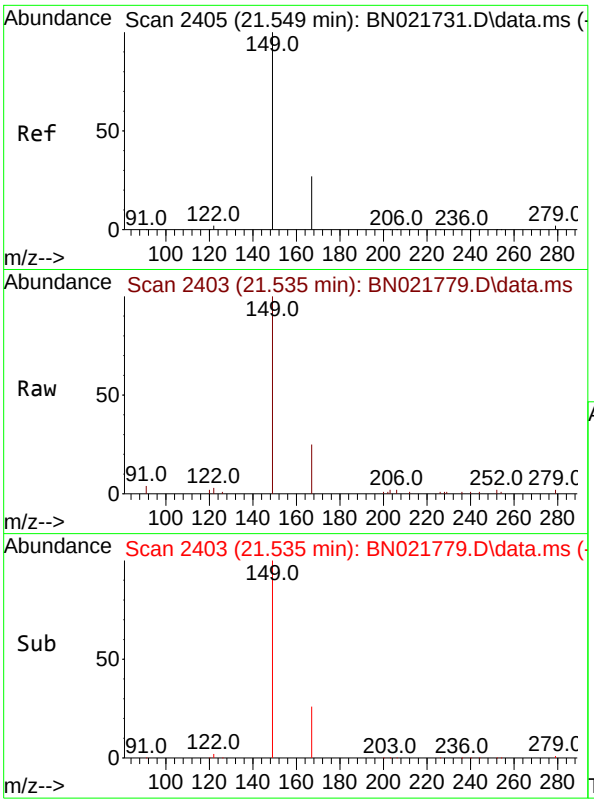


#33
Chrysene
Concen: 0.398 ng
RT: 21.679 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:228 Resp: 20744

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.4	16.0	24.0



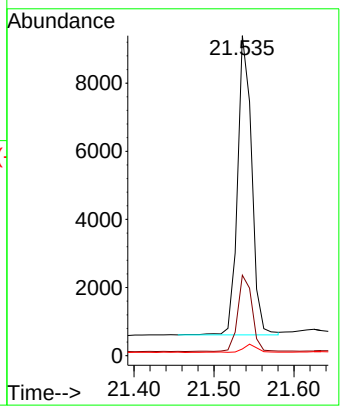


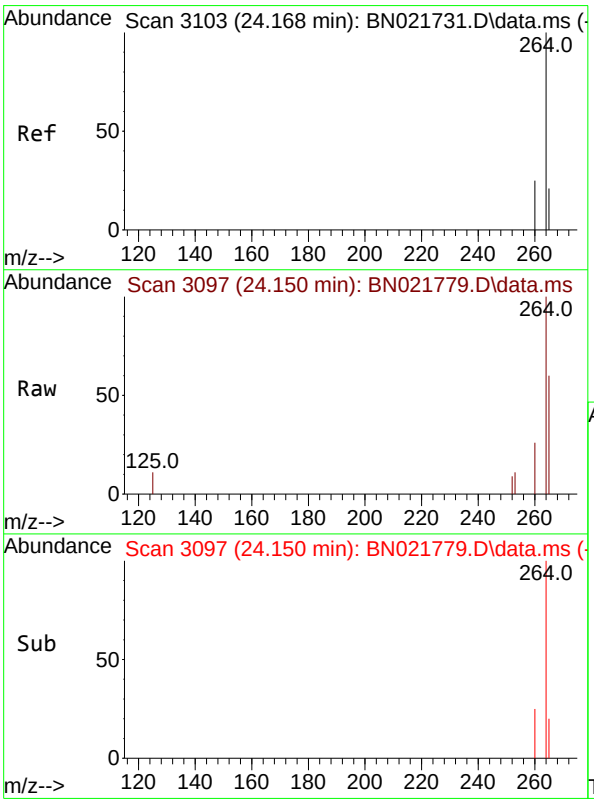
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.535 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 10764

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.8	31.2
279	2.9	2.1	3.1

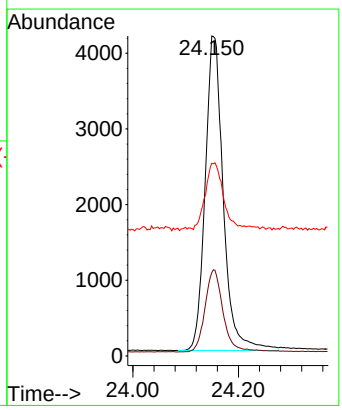


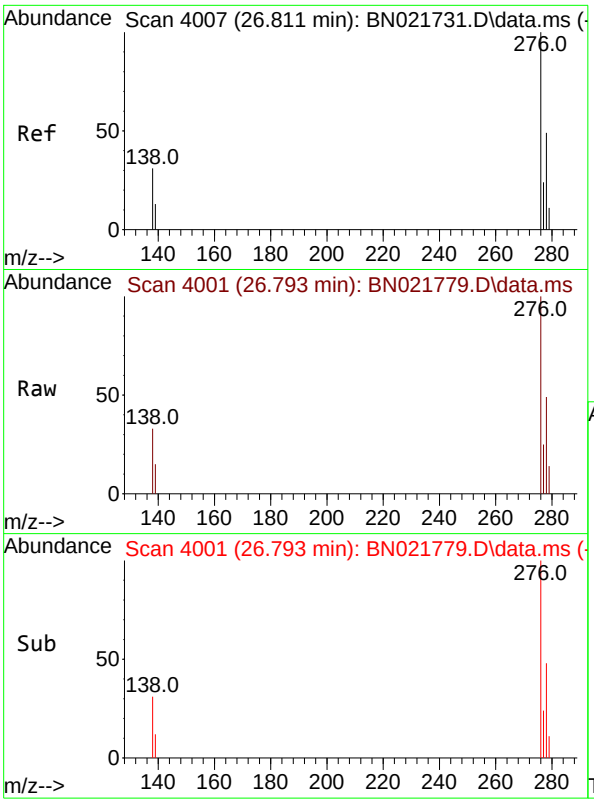


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.150 min Scan# 3097
Delta R.T. -0.019 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:264 Resp: 9921

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.6	31.0
265	60.2	34.4	51.6#



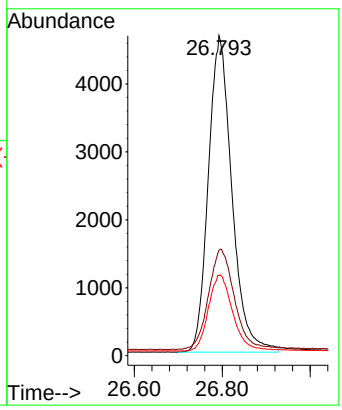


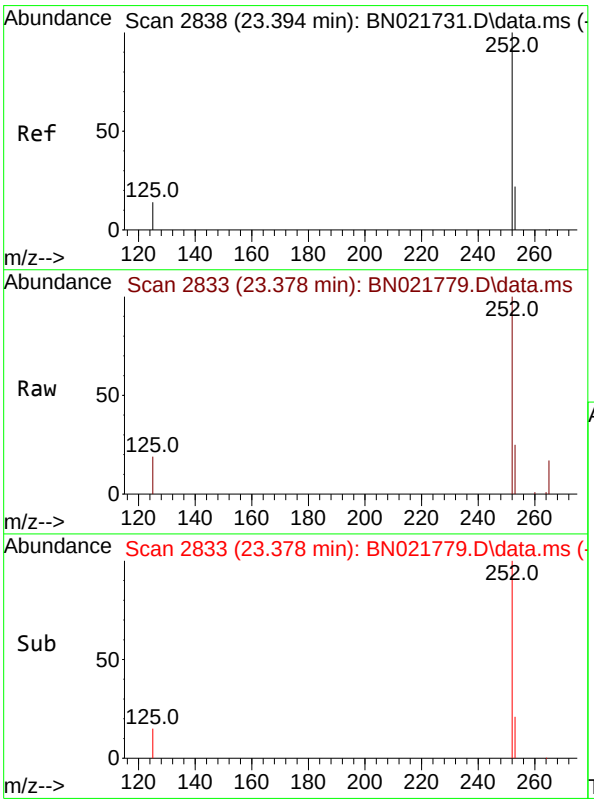
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 26.793 min Scan# 4
Delta R.T. -0.019 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17312

Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.4	41.0
277	25.0	19.8	29.6

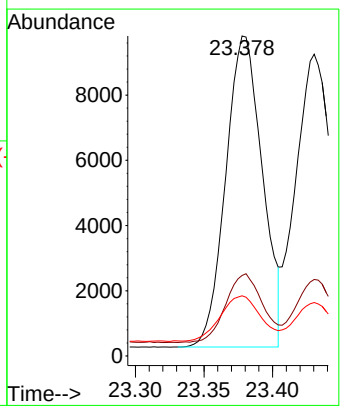


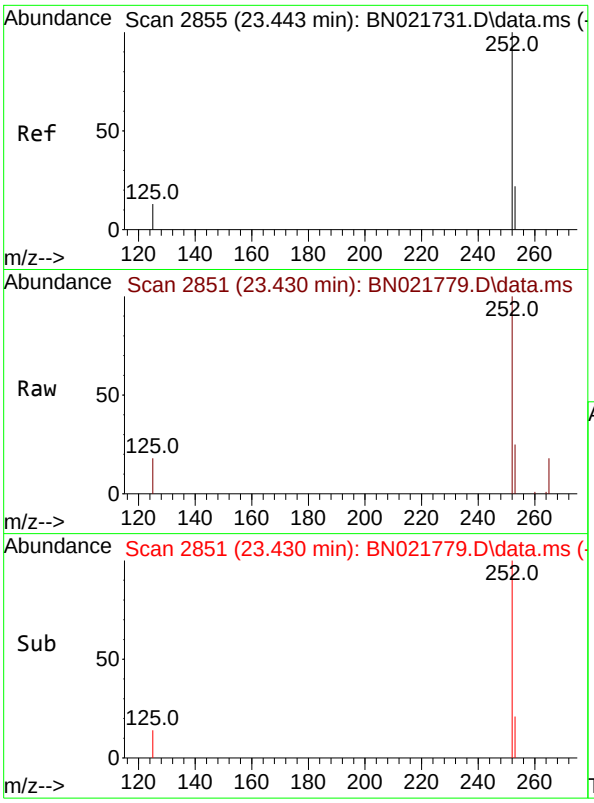


#37
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.378 min Scan# 2833
Delta R.T. -0.016 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:252 Resp: 17742

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.6	29.4
125	18.8	13.0	19.4



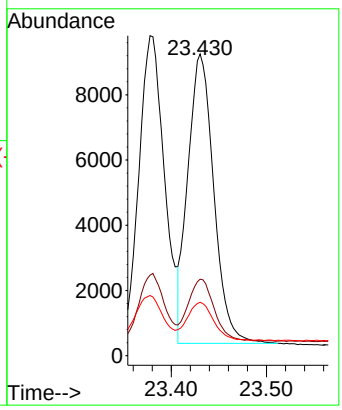


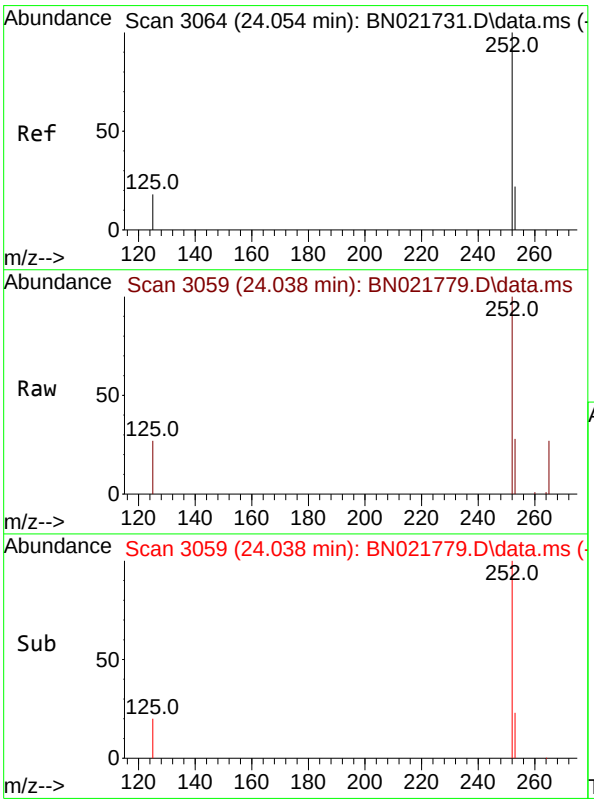
#38
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 23.430 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16784

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	17.7	12.6	18.8

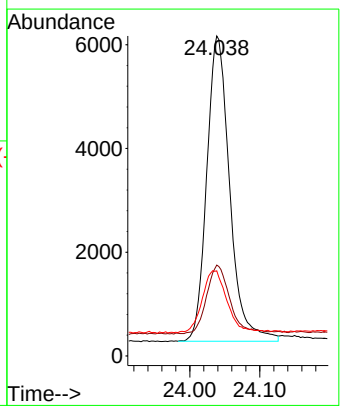


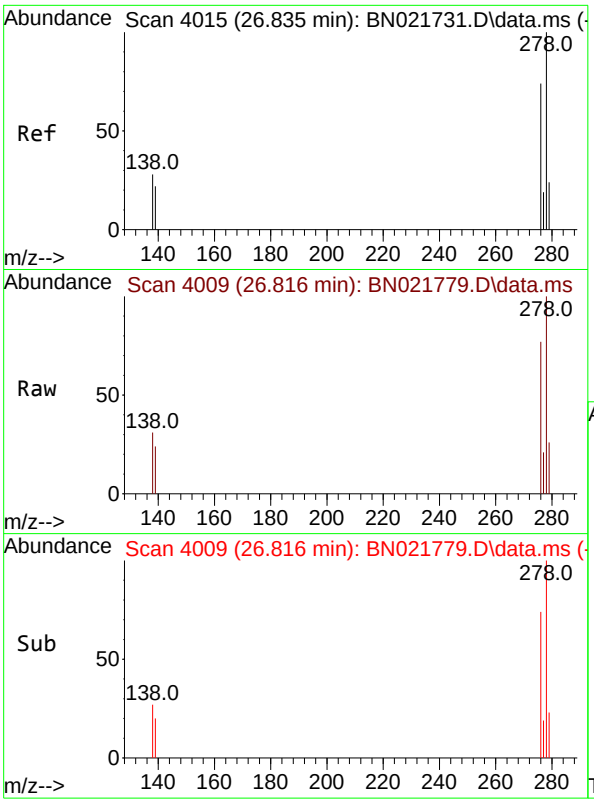


#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 24.038 min Scan# 3059
Delta R.T. -0.016 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:252 Resp: 13403

Ion	Ratio	Lower	Upper
252	100		
253	28.4	20.8	31.2
125	26.6	17.4	26.0#



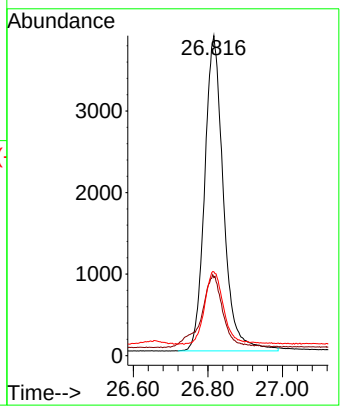


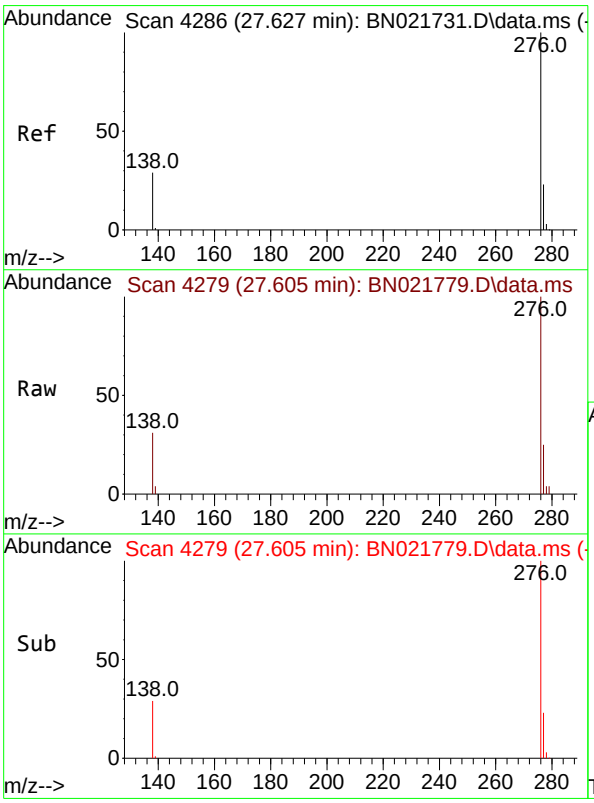
#40
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.816 min Scan# 4
Delta R.T. -0.019 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 13521

Ion	Ratio	Lower	Upper
278	100		
139	24.4	19.2	28.8
279	26.2	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.605 min Scan# 4279
Delta R.T. -0.022 min
Lab File: BN021779.D
Acq: 15 Sep 2022 22:57

Tgt Ion:276 Resp: 14216

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	31.2	24.2	36.2