Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021777.D
Acq On : 15 Sep 2022 20:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 16 06:27:00 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	4852	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	14984	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	9074	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	19789	0.400	ng	0.00
29) Chrysene-d12	21.647	240	14698	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	11033	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	5056	0.398	ng	0.00
5) Phenol-d6	7.209	99	6406	0.398	ng	0.00
8) Nitrobenzene-d5	9.233	82	4661	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	13128	0.347	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	1346	0.325	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	14348	0.387	ng	0.00
27) Fluoranthene-d10	19.490	212	19445	0.365	ng	0.00
31) Terphenyl-d14	20.080	244	13238	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2395	0.382	ng	98
3) n-Nitrosodimethylamine	3.743	42	2533	0.398	ng	91
6) bis(2-Chloroethyl)ether	7.469	93	6045	0.379	ng	99
9) Naphthalene	10.930	128	17176	0.388	ng	100
10) Hexachlorobutadiene	11.218	225	2967	0.402	ng	# 99
12) 2-Methylnaphthalene	12.176	142	3462	0.364	ng	97
16) Acenaphthylene	14.429	152	15630	0.361	ng	100
17) Acenaphthene	14.771	154	11187	0.378	ng	99
18) Fluorene	15.747	166	14914	0.379	ng	99
21) 4-Bromophenyl-phenylether	16.647	248	4557	0.374	ng	93
22) Hexachlorobenzene	16.763	284	5325	0.388	ng	100
23) Atrazine	16.913	200	3437	0.341	ng	99
24) Pentachlorophenol	17.109	266	1135	0.221	ng	96
25) Phenanthrene	17.502	178	24959	0.376	ng	100
26) Anthracene	17.594	178	20101	0.358	ng	100
28) Fluoranthene	19.519	202	26534	0.371	ng	100
30) Pyrene	19.882	202	28467	0.390	ng	99
32) Benzo(a)anthracene	21.629	228	20534	0.364	ng	99
33) Chrysene	21.683	228	22883	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.540	149	12494	0.332	ng	99
36) Indeno(1,2,3-cd)pyrene	26.794	276	19475	0.372	ng	99
37) Benzo(b)fluoranthene	23.382	252	19714	0.393	ng	97
38) Benzo(k)fluoranthene	23.435	252	18749	0.383	ng	98
39) Benzo(a)pyrene	24.046	252	15107	0.378	ng	97
40) Dibenzo(a,h)anthracene	26.820	278	15301	0.369	ng	99
41) Benzo(g,h,i)perylene	27.612	276	15961	0.374	ng	98

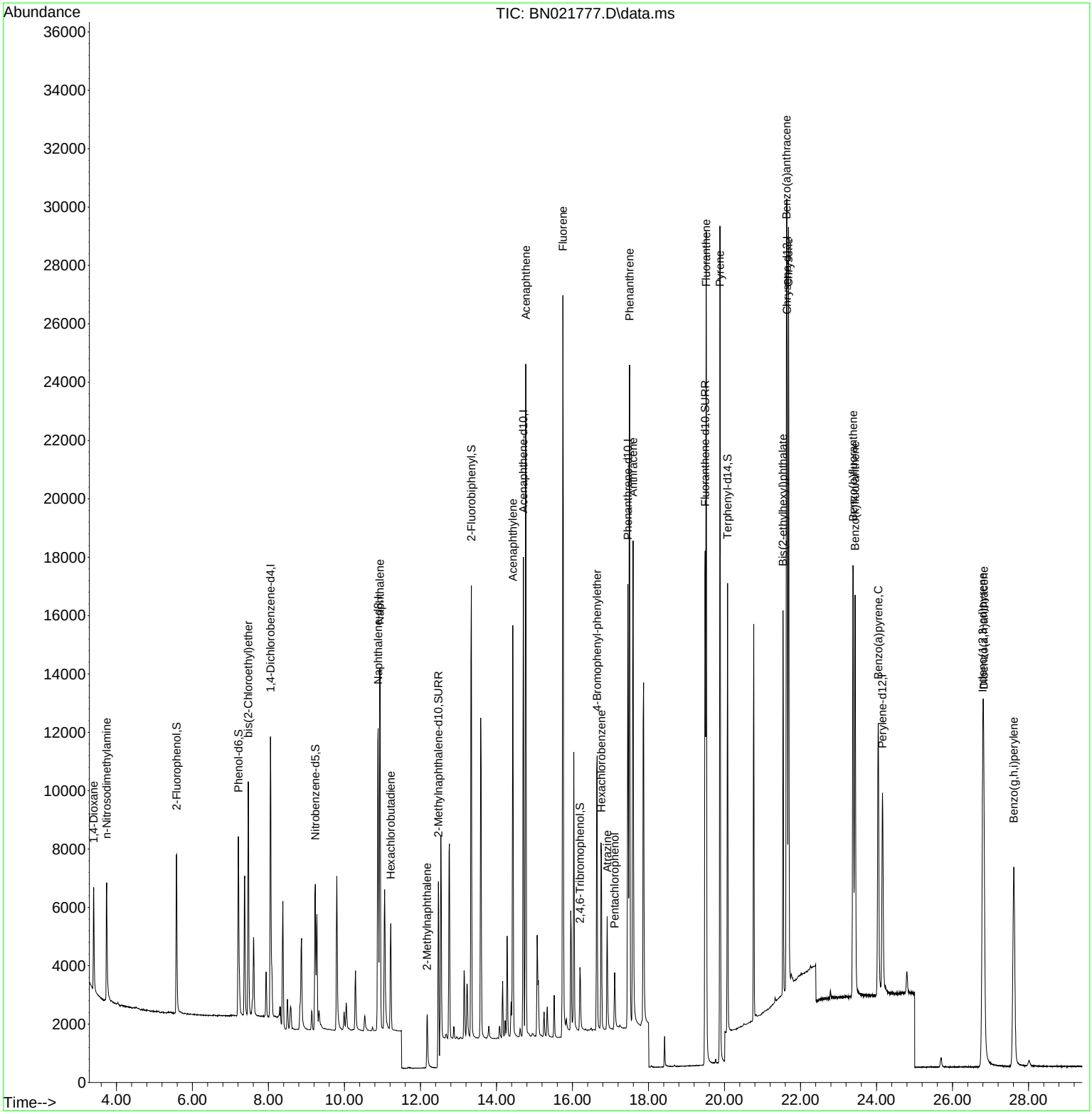
(#) = qualifier out of range (m) = manual integration (+) = signals summed

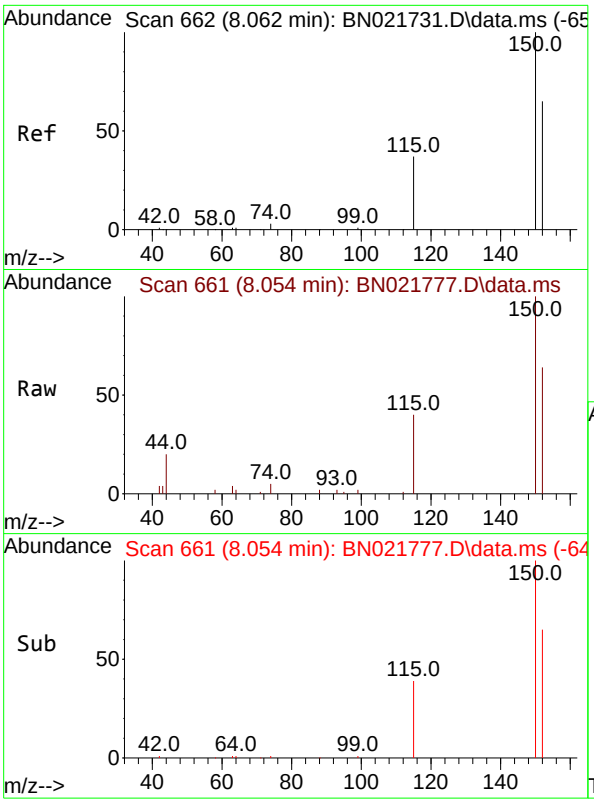
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021777.D
Acq On : 15 Sep 2022 20:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 16 06:27:00 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



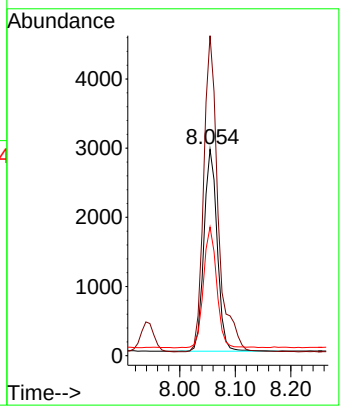


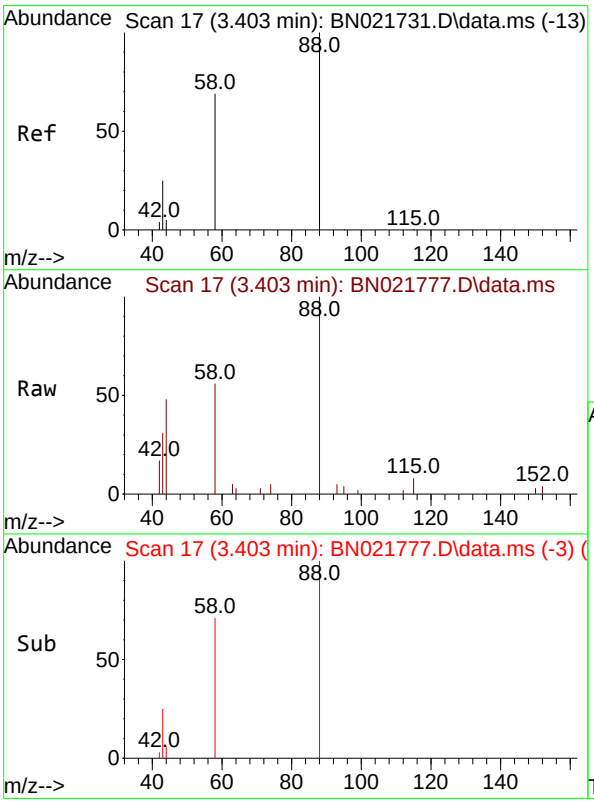
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4852

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.8	182.8
115	62.3	48.3	72.5

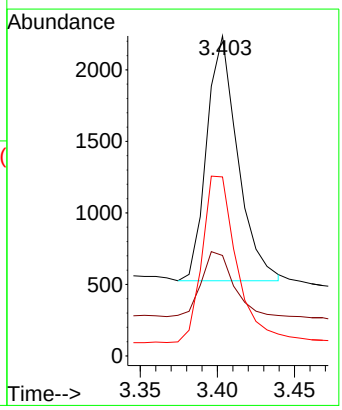


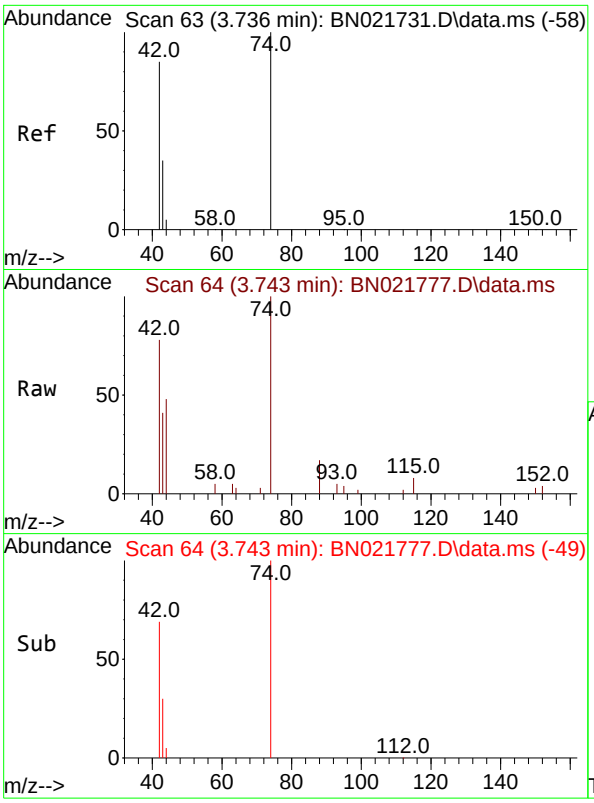


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion: 88 Resp: 2395

Ion	Ratio	Lower	Upper
88	100		
43	27.6	24.2	36.2
58	75.6	60.2	90.4



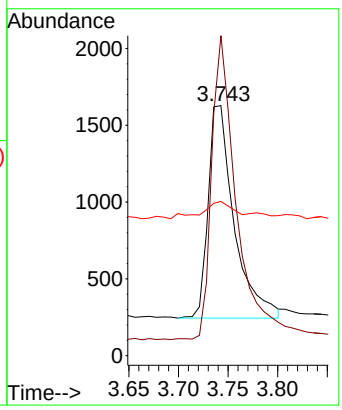


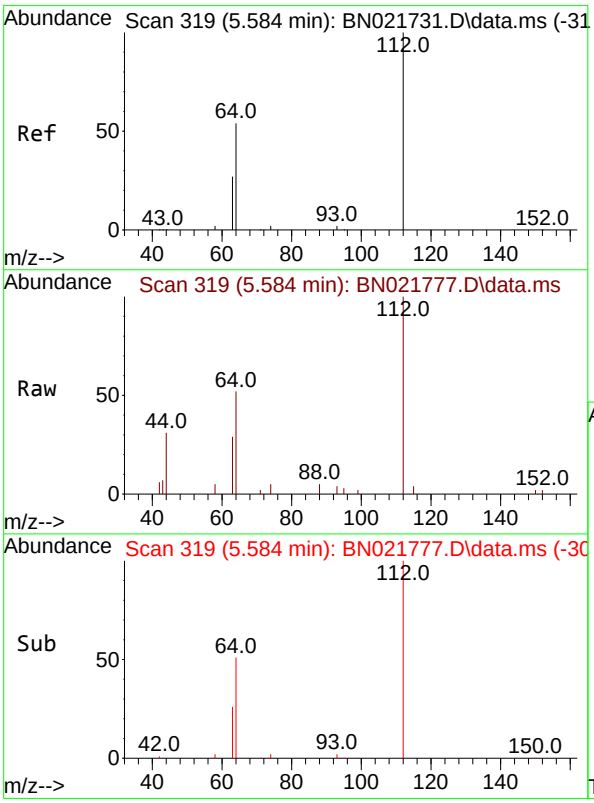
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2533

Ion	Ratio	Lower	Upper
42	100		
74	133.8	116.3	174.5
44	10.3	9.0	13.4

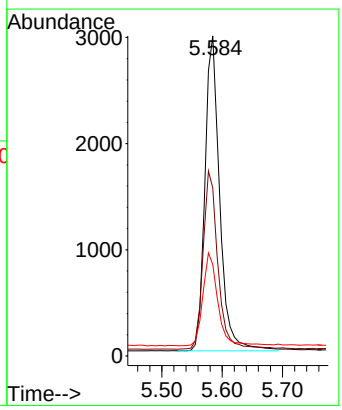


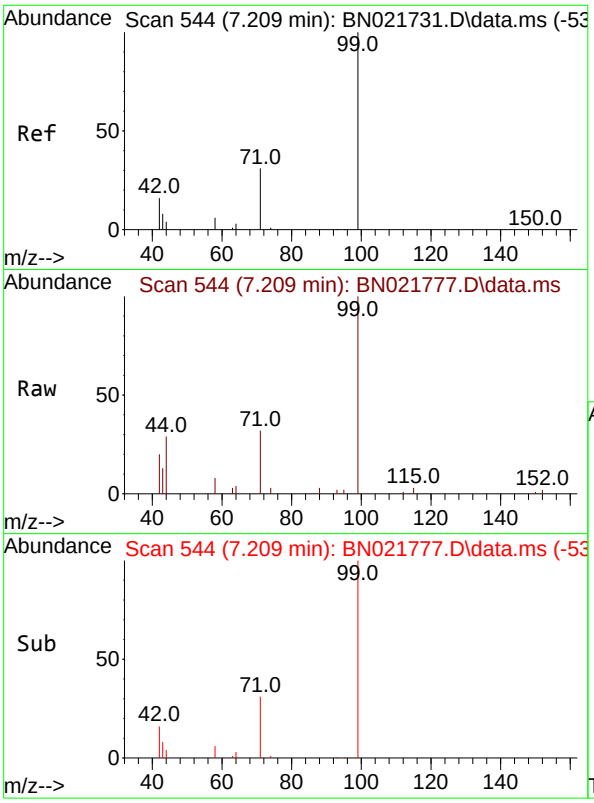


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:112 Resp: 5056

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.4	68.2
63	29.8	23.3	34.9



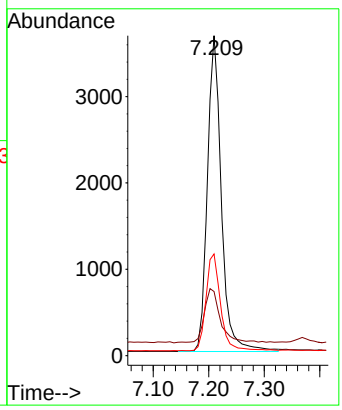


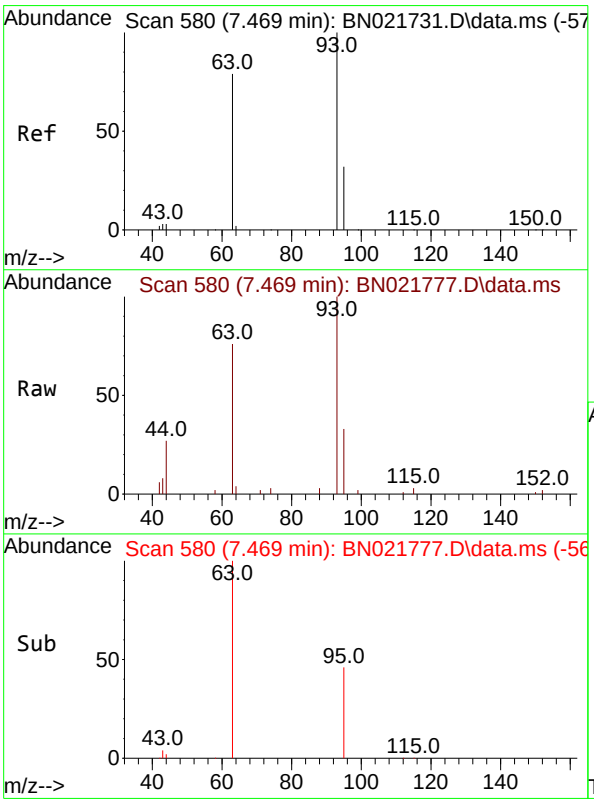
#5
Phenol-d6
Concen: 0.398 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6406

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.1	22.7
71	32.0	25.3	37.9

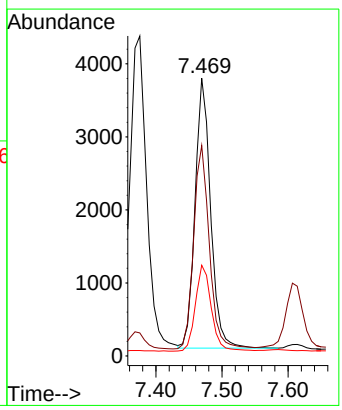


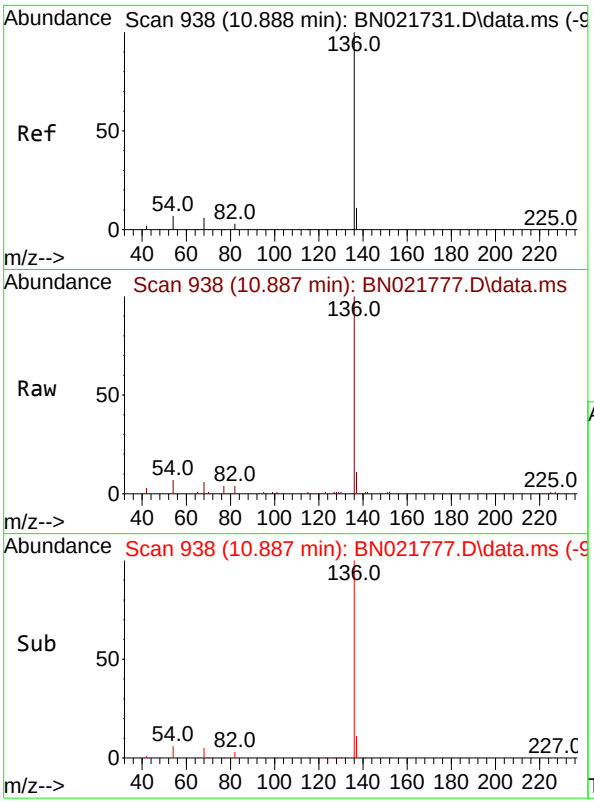


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion: 93 Resp: 6045

Ion	Ratio	Lower	Upper
93	100		
63	76.2	60.0	90.0
95	32.5	26.2	39.4



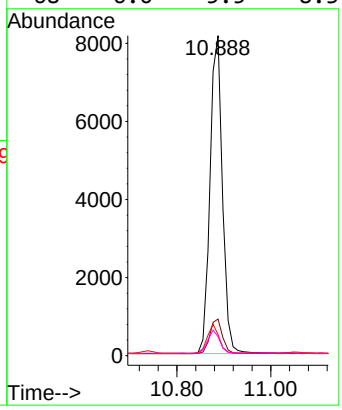


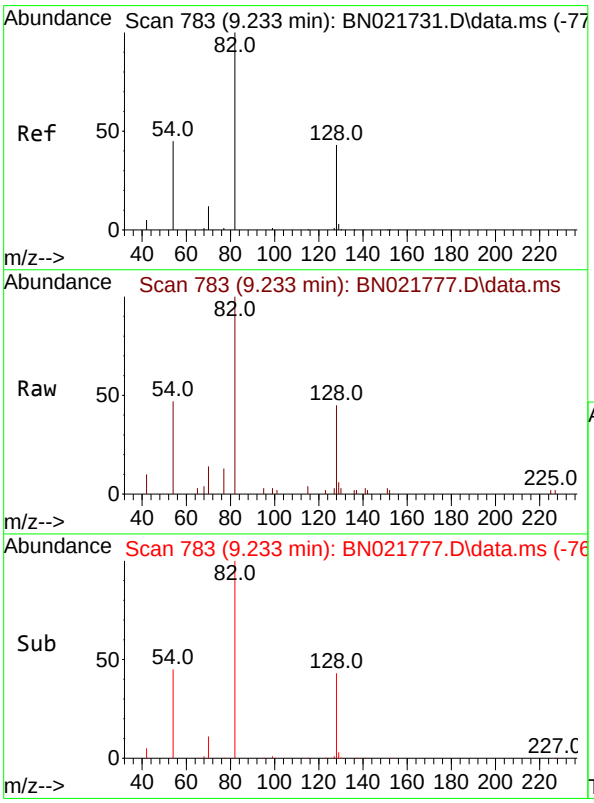
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14984

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.6	6.4	9.6
68	6.0	5.5	8.3

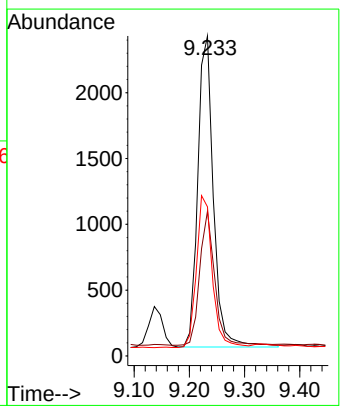


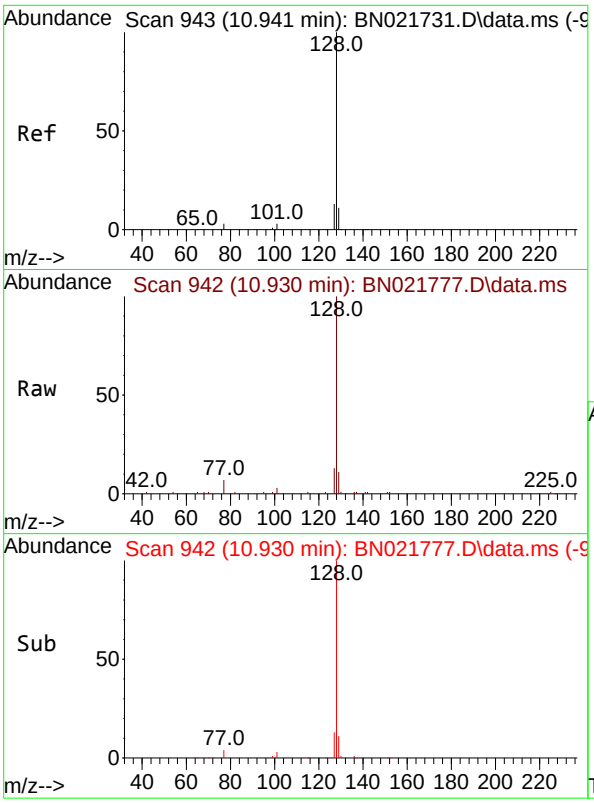


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion: 82 Resp: 4661

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.6	53.4
54	46.6	37.8	56.8



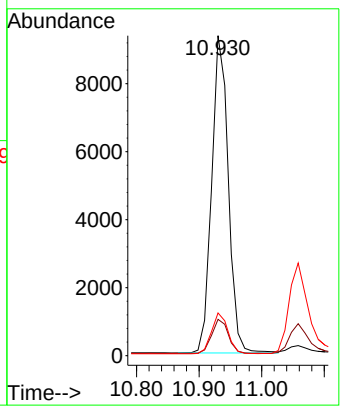


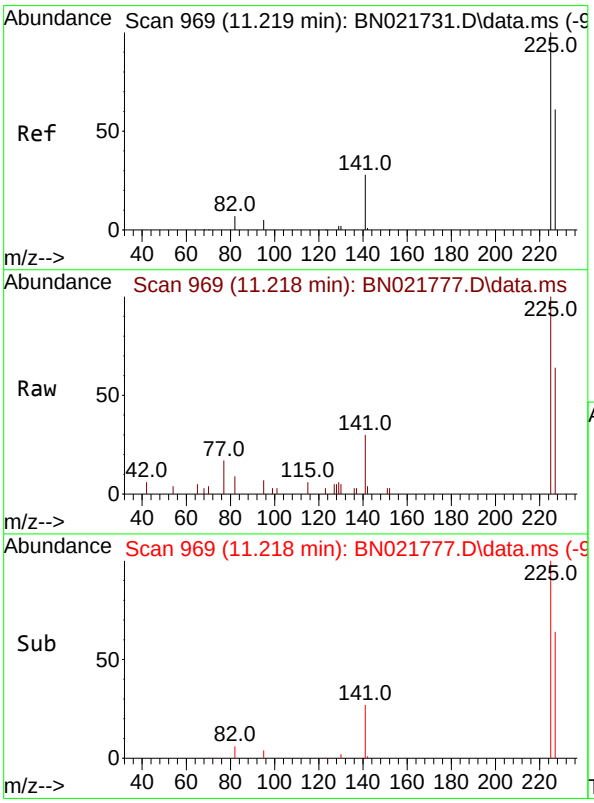
#9
Naphthalene
Concen: 0.388 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17176

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.3	10.5	15.7

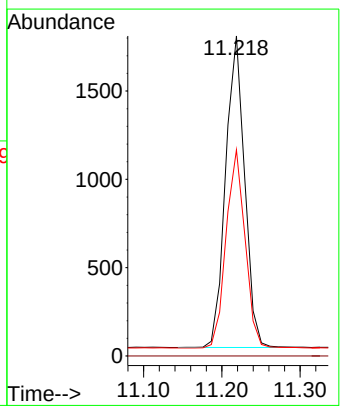


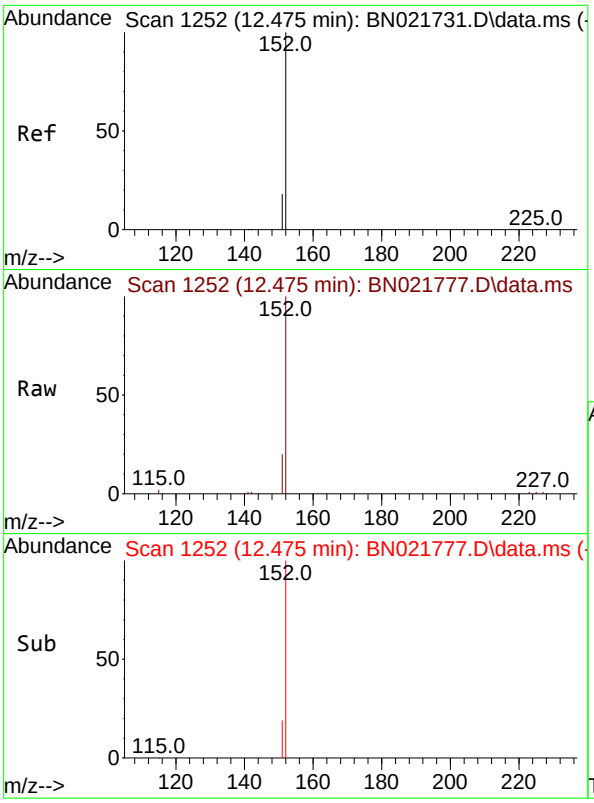


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 11.218 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:225 Resp: 2967

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.4	75.6



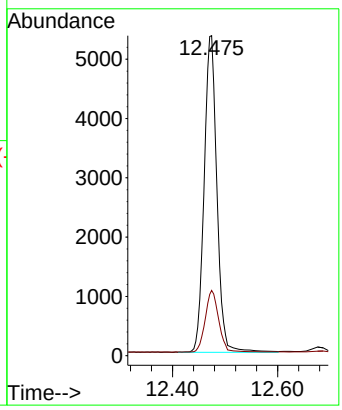


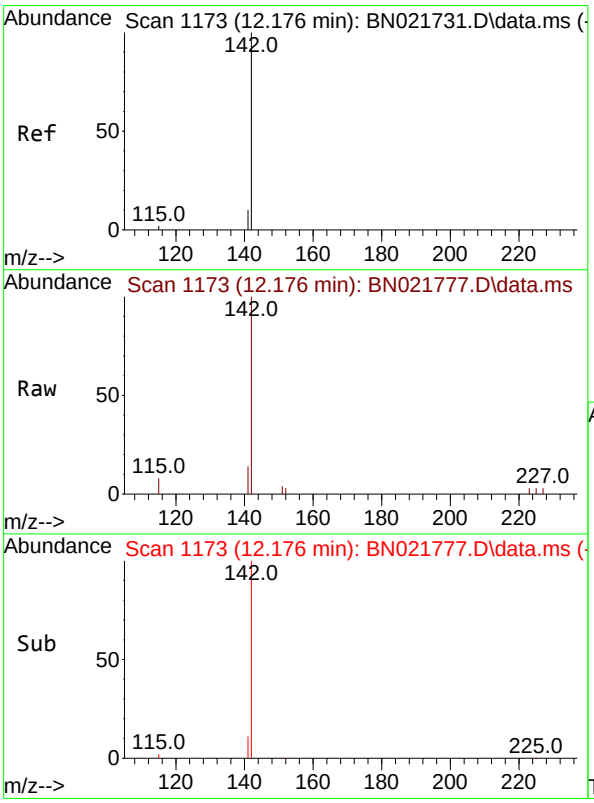
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.475 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 13128

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4

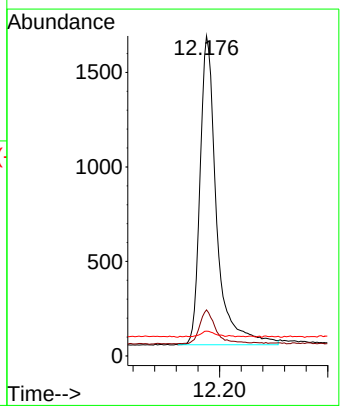


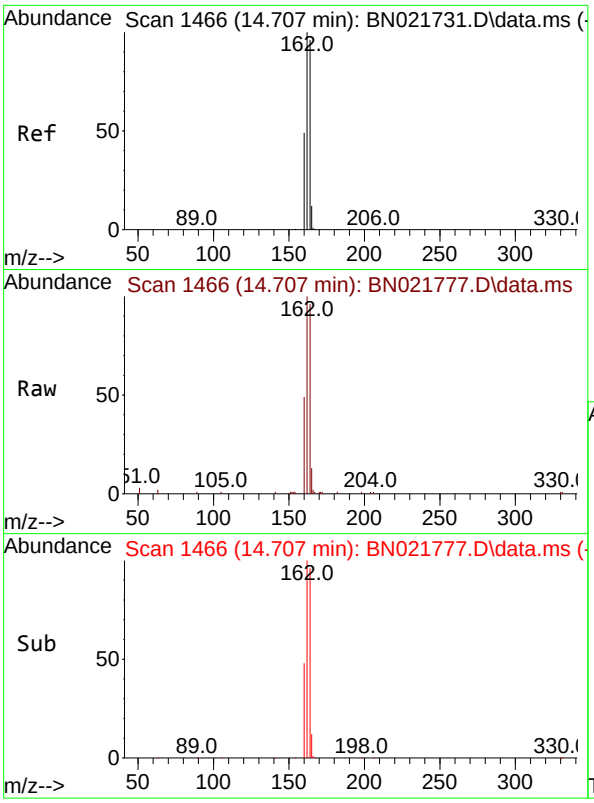


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:142 Resp: 3462

Ion	Ratio	Lower	Upper
142	100		
141	14.4	10.6	16.0
115	7.7	5.6	8.4



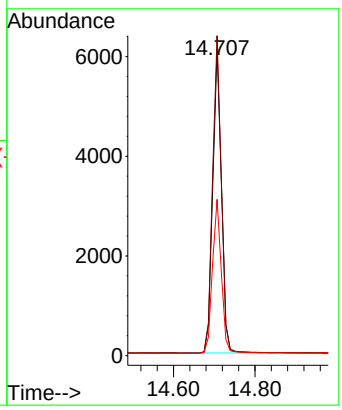


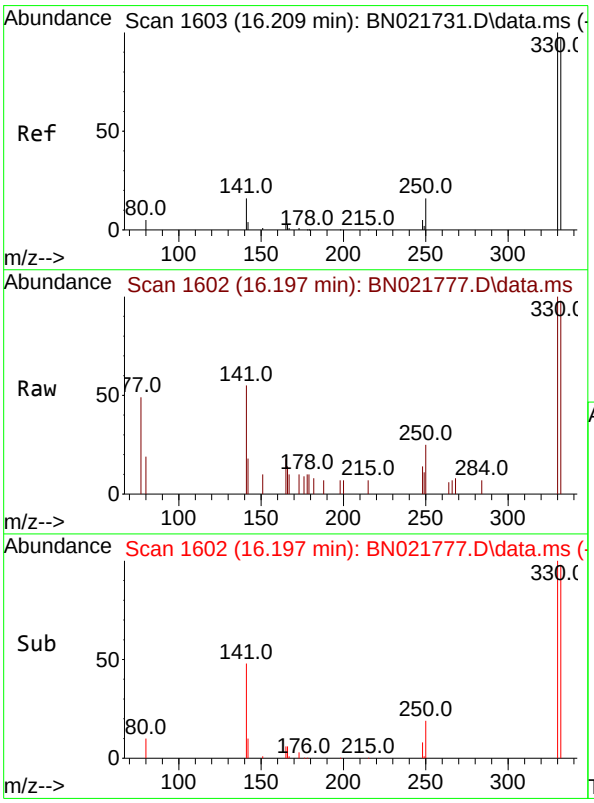
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9074

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.2	124.8
160	50.9	40.9	61.3

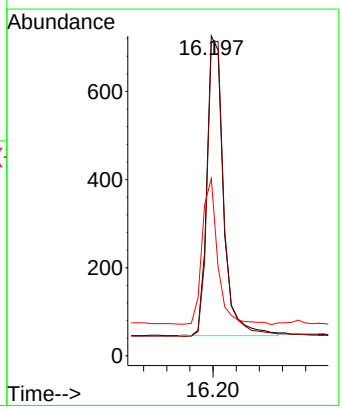


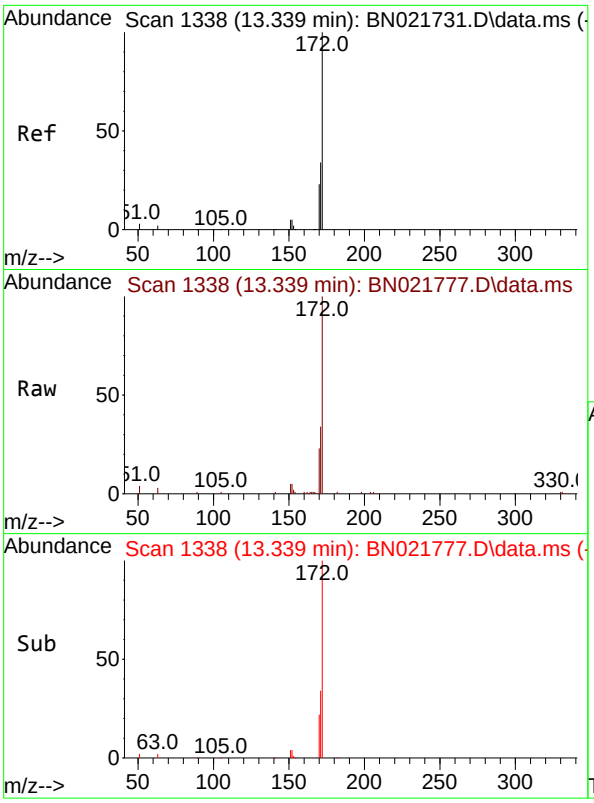


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:330 Resp: 1346

Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.8	115.2
141	46.0	37.2	55.8



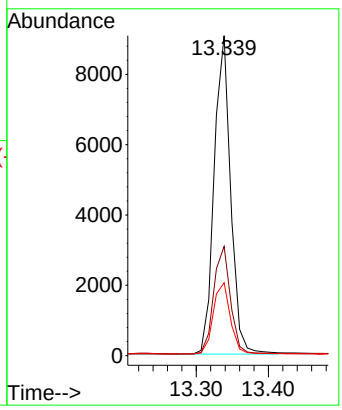


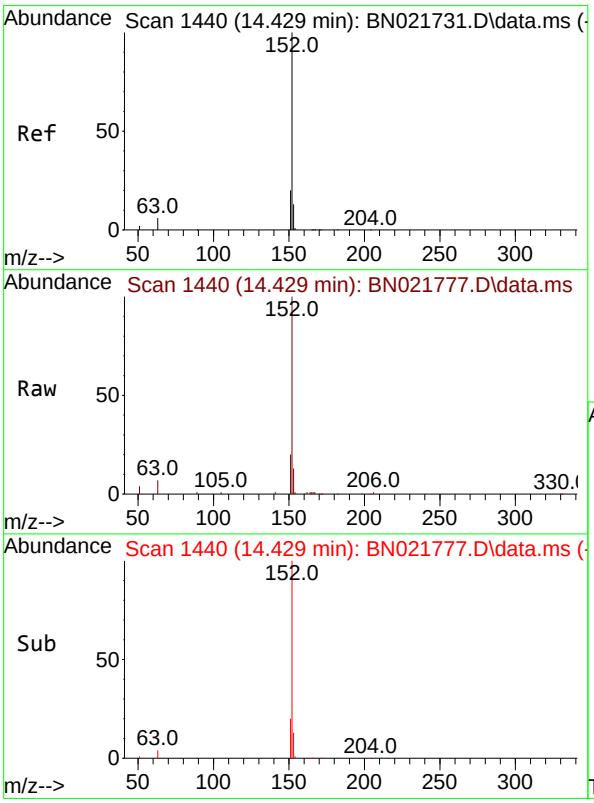
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14348

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.7	41.5
170	22.8	18.8	28.2

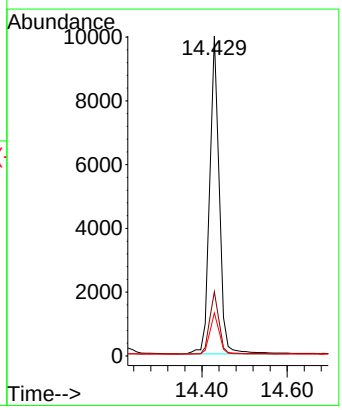


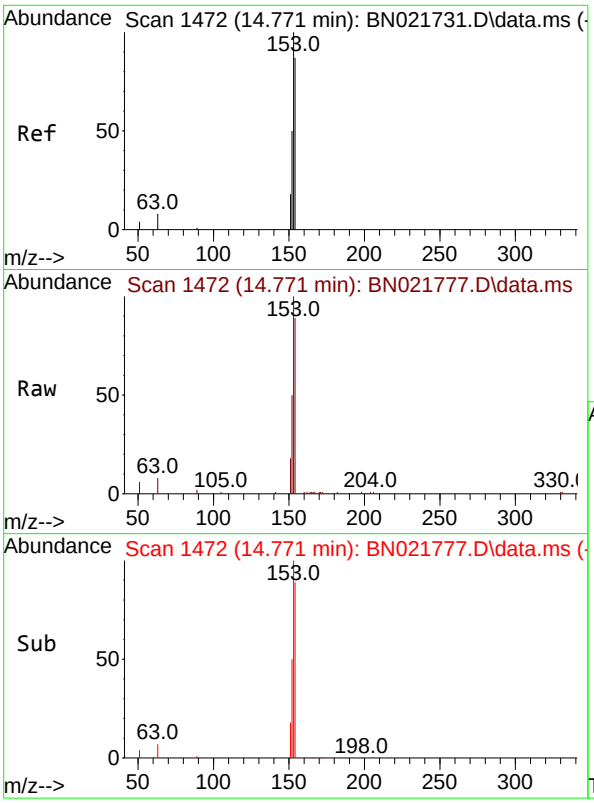


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:152 Resp: 15630

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0
153	13.0	10.3	15.5



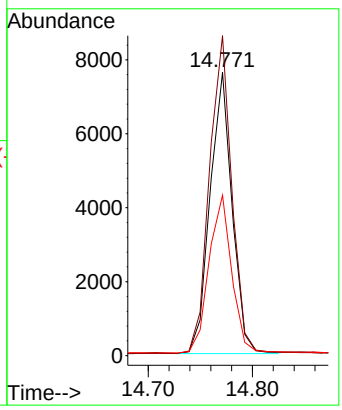


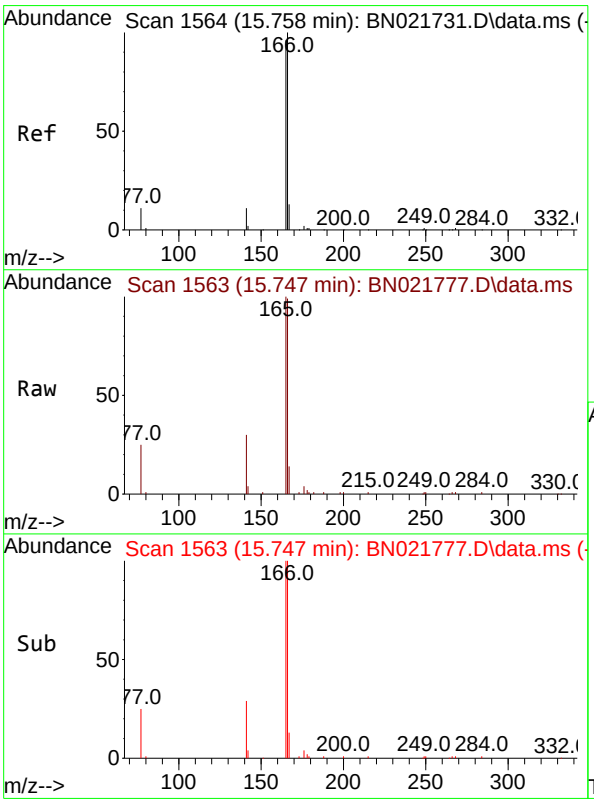
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11187

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.0	136.4
152	58.1	46.0	69.0

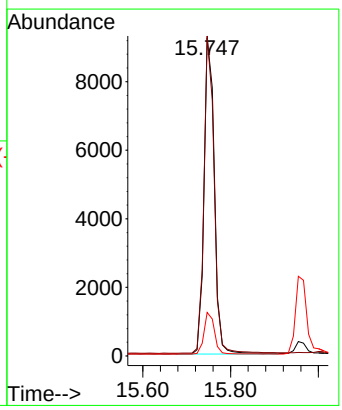


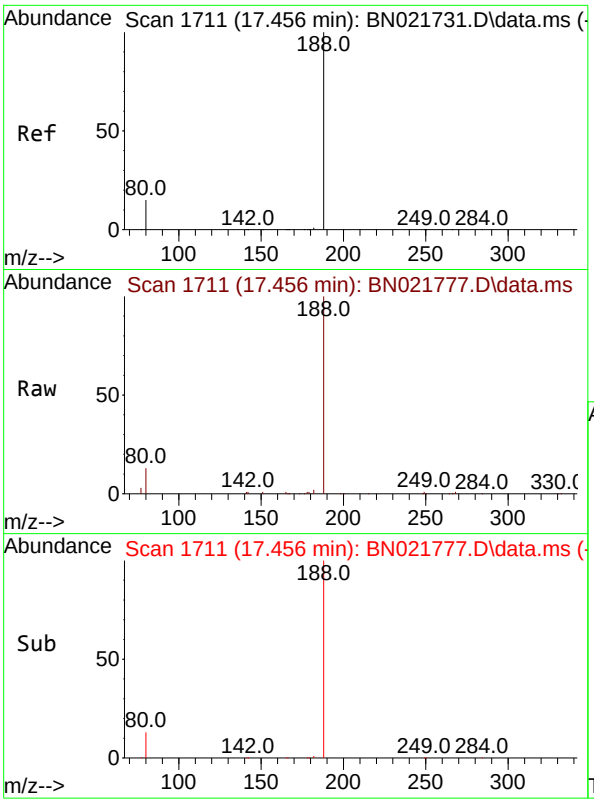


#18
Fluorene
Concen: 0.379 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:166 Resp: 14914

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.4	119.0
167	13.4	10.6	15.8



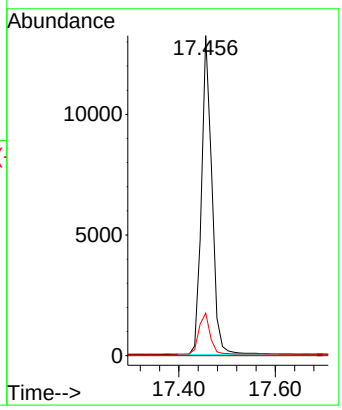


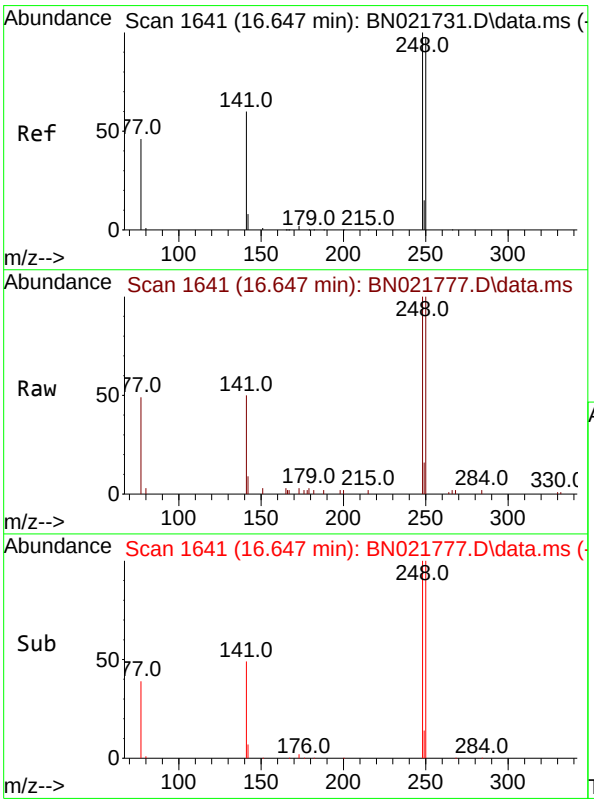
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 19789

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	12.6	19.0

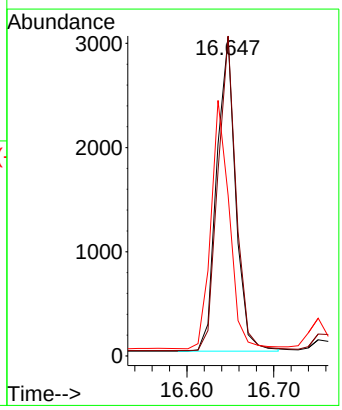


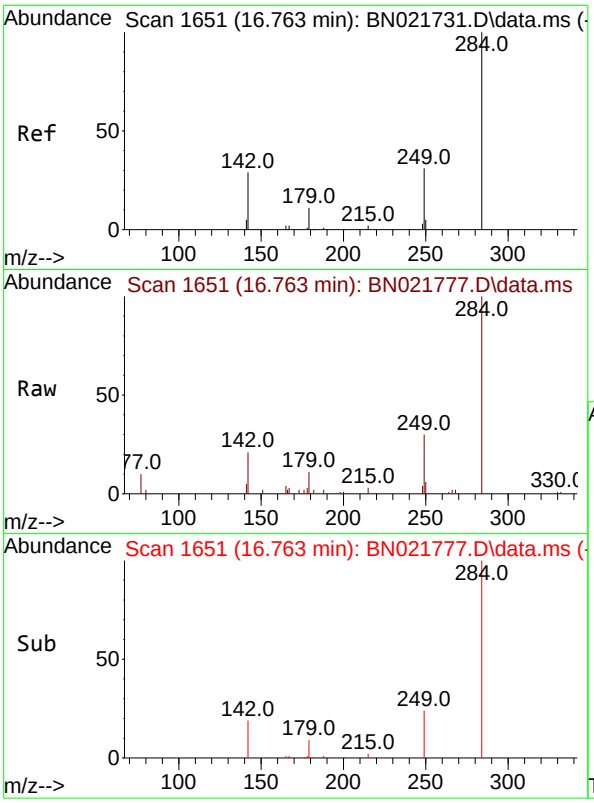


#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:248 Resp: 4557

Ion	Ratio	Lower	Upper
248	100		
250	100.2	77.8	116.8
141	50.3	49.0	73.4



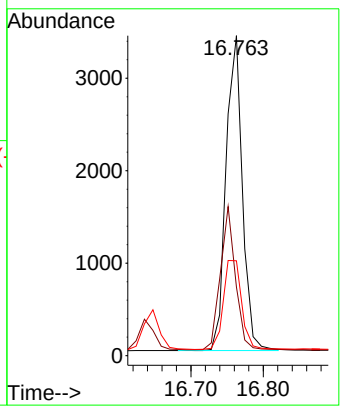


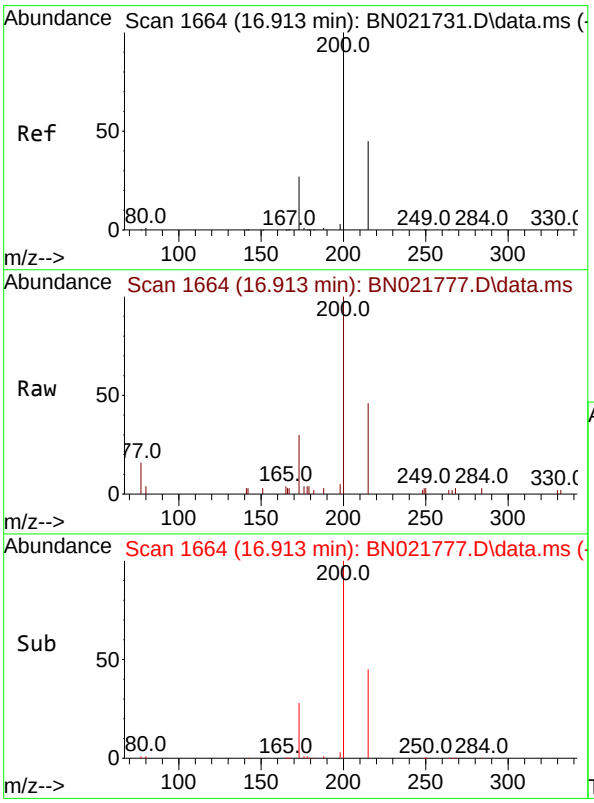
#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5325

Ion	Ratio	Lower	Upper
284	100		
142	41.8	33.4	50.2
249	31.7	25.1	37.7

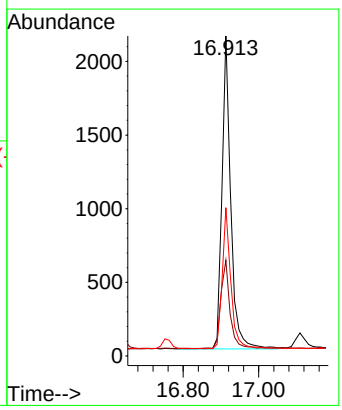


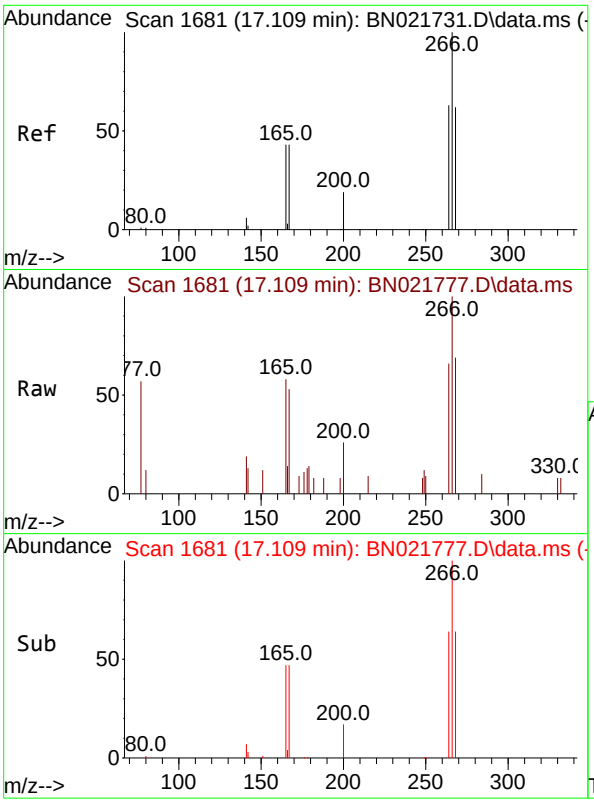


#23
Atrazine
Concen: 0.341 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:200 Resp: 3437

Ion	Ratio	Lower	Upper
200	100		
173	29.9	22.9	34.3
215	46.3	36.9	55.3



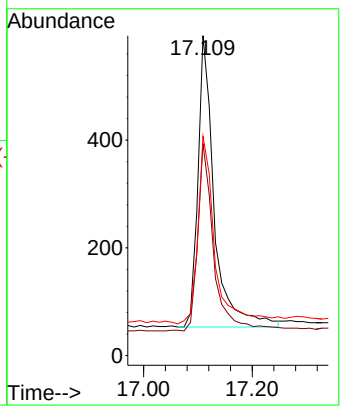


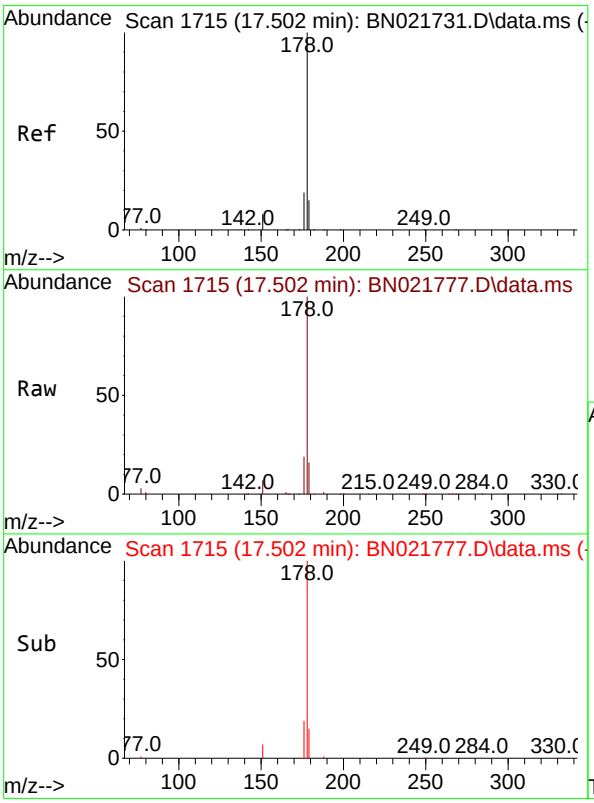
#24
Pentachlorophenol
Concen: 0.221 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 1135

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.0	75.0
268	68.0	50.2	75.2

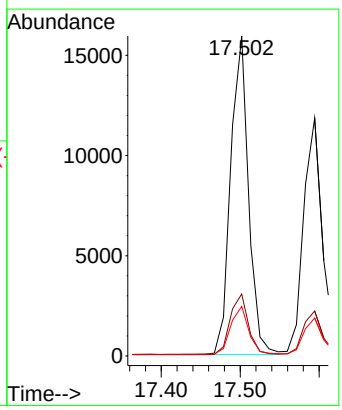


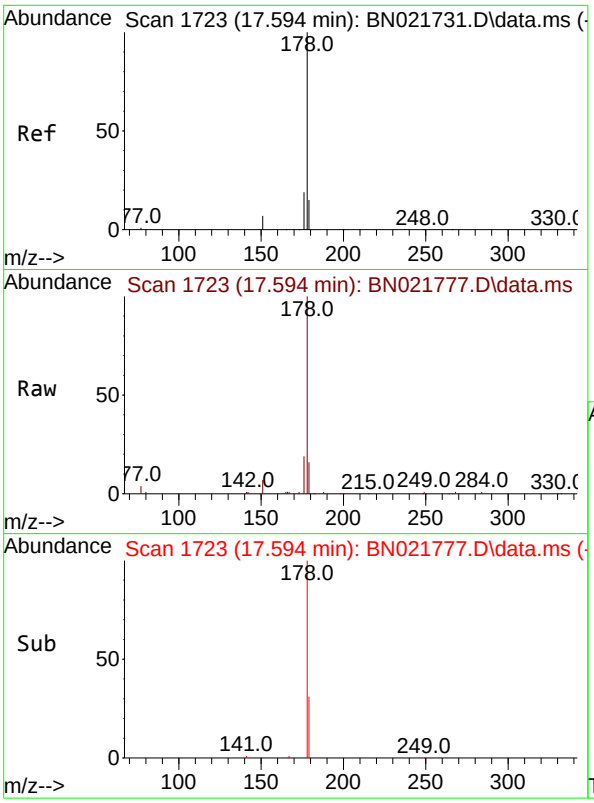


#25
Phenanthrene
Concen: 0.376 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:178 Resp: 24959

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.2	18.4



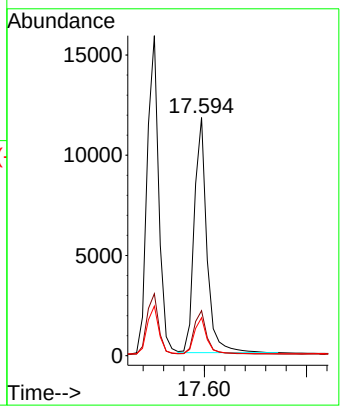


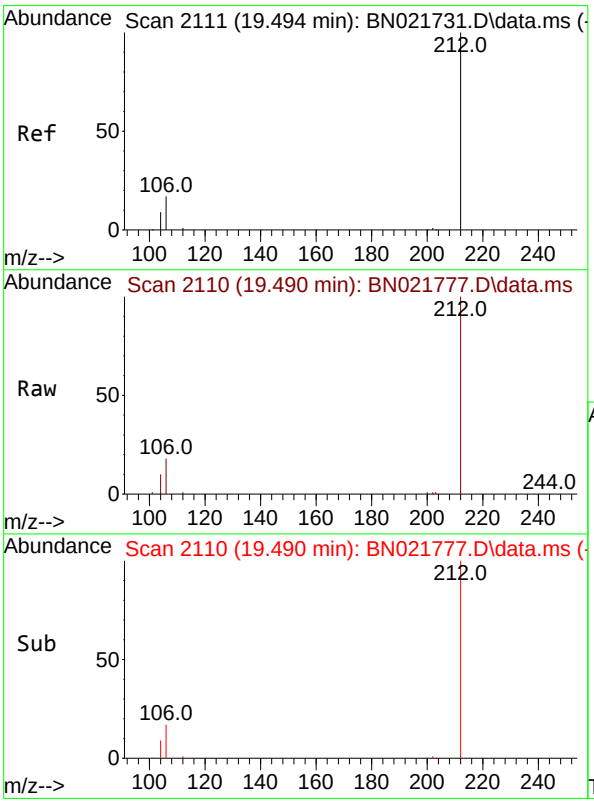
#26
Anthracene
Concen: 0.358 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20101

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.2	12.2	18.2

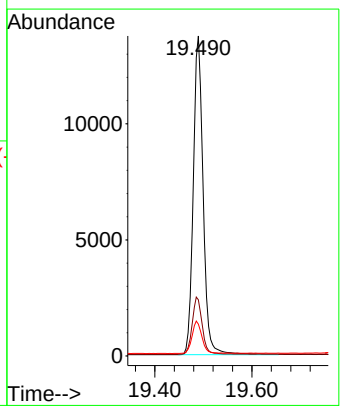


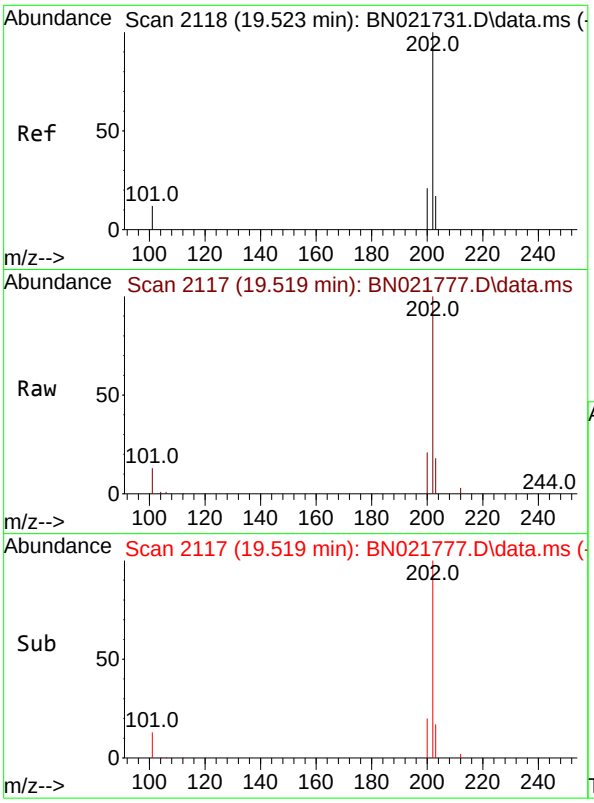


#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:212 Resp: 19445

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.3	21.5
104	10.2	8.0	12.0



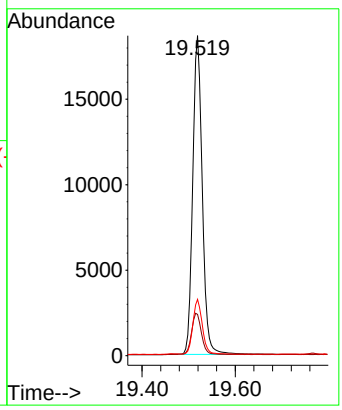


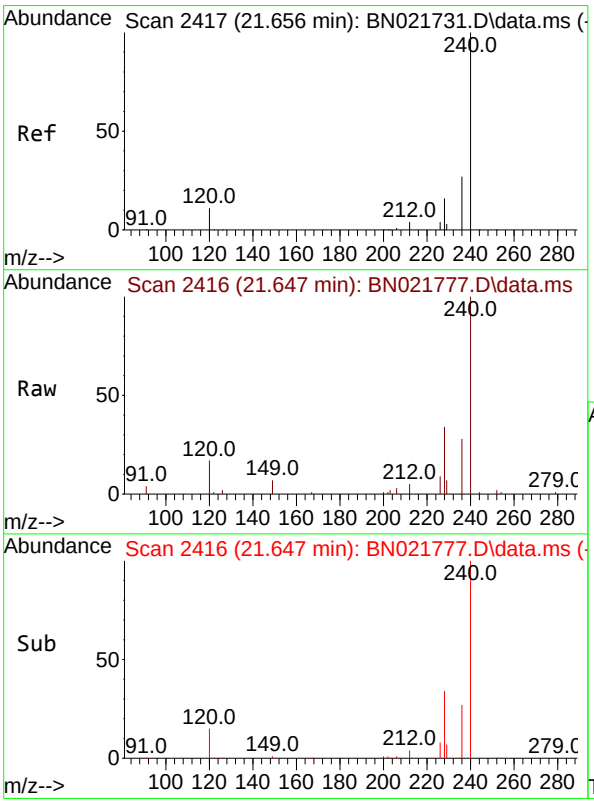
#28
Fluoranthene
Concen: 0.371 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 26534

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
203	17.0	13.7	20.5

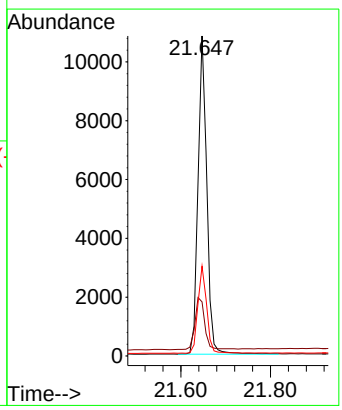


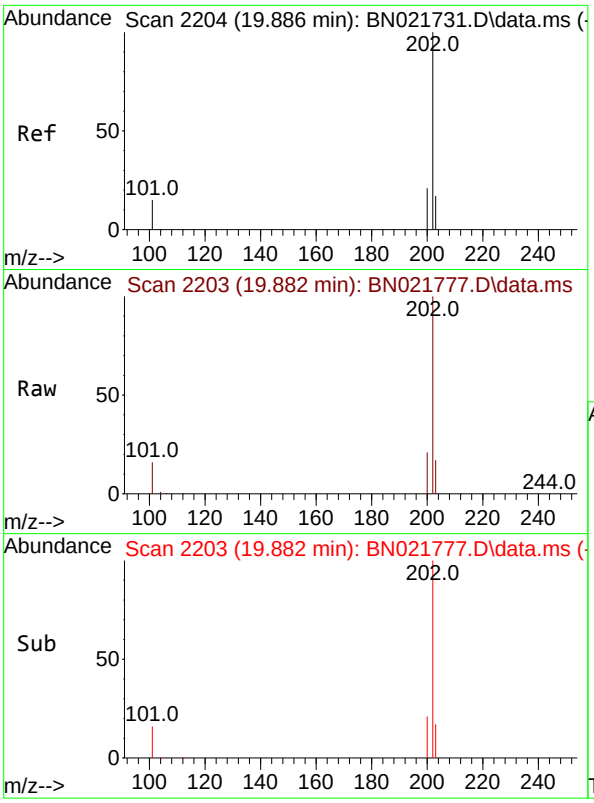


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:240 Resp: 14698

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.8	14.8#
236	28.1	22.2	33.4



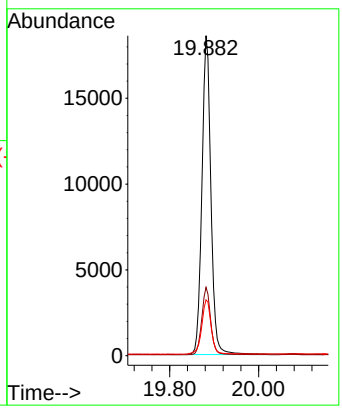


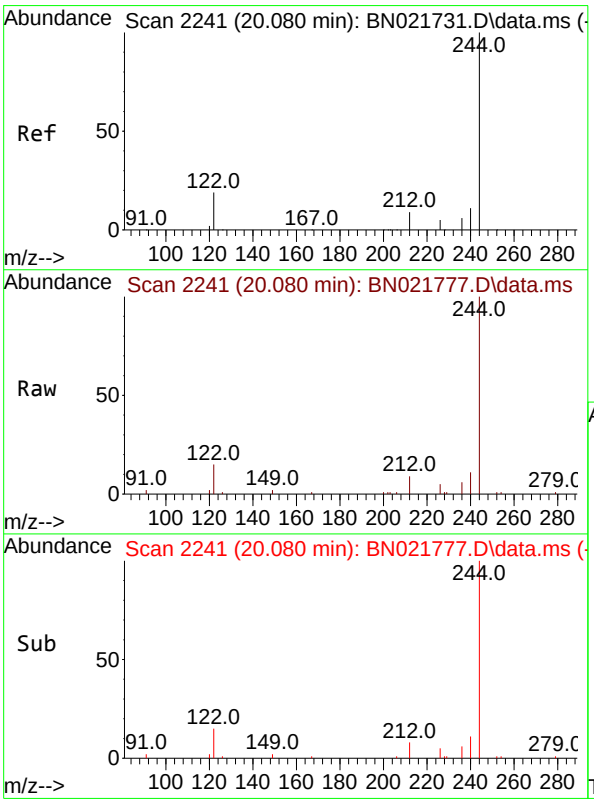
#30
Pyrene
Concen: 0.390 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28467

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.0	22.4
203	16.5	12.8	19.2

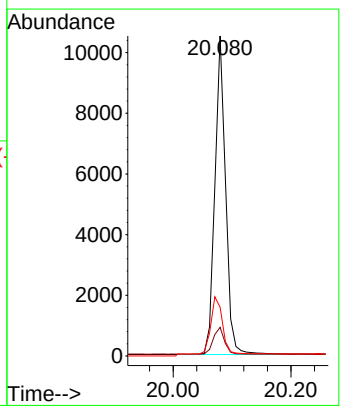


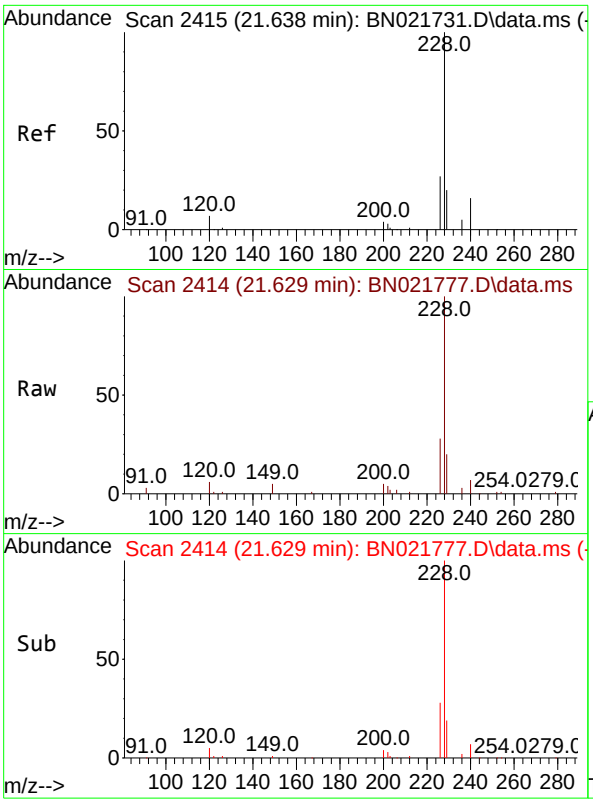


#31
Terphenyl-d14
Concen: 0.394 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:244 Resp: 13238

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.9	11.9
122	15.2	15.8	23.8#



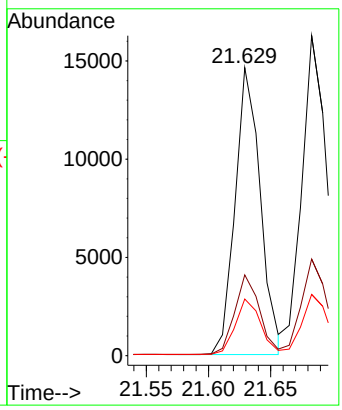


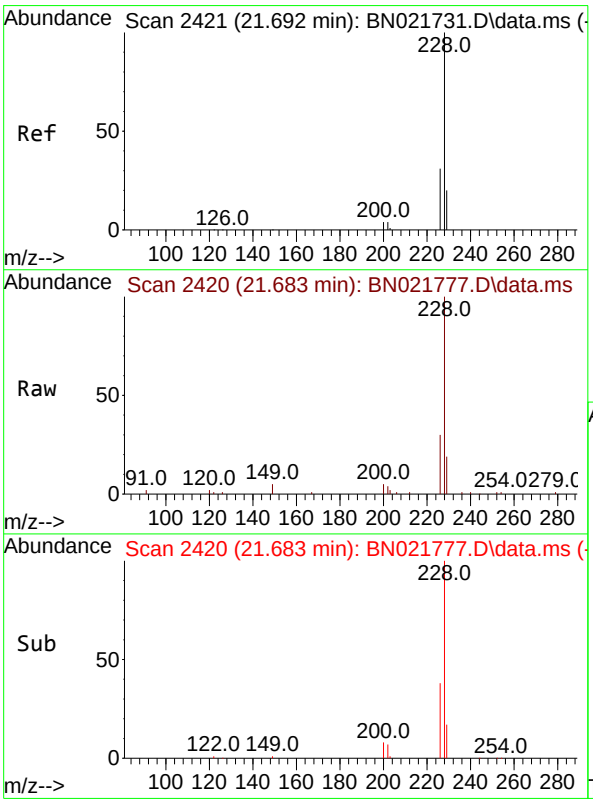
#32
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 20534

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	19.7	15.8	23.8

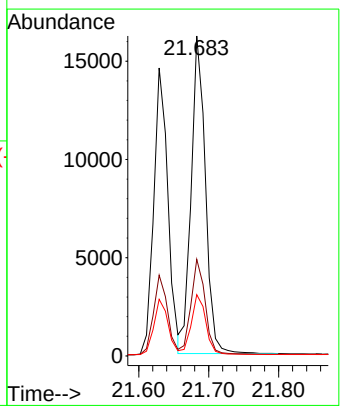


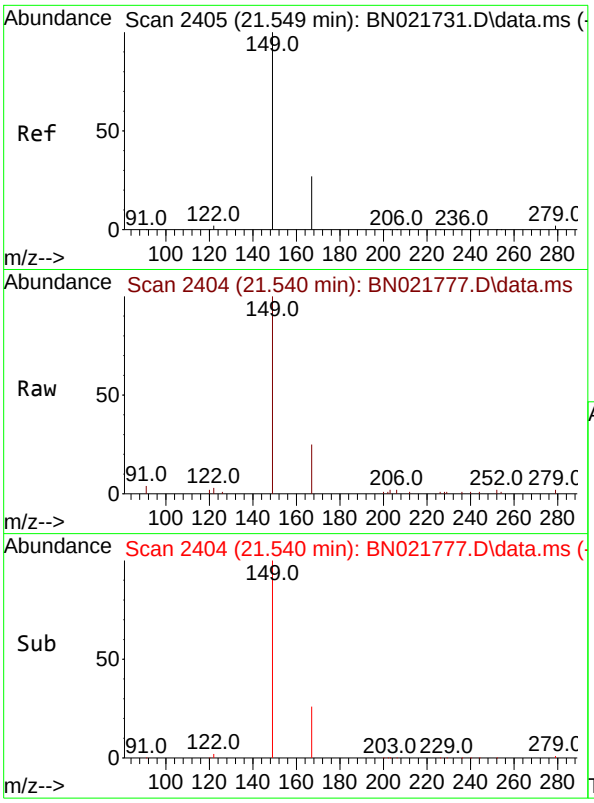


#33
Chrysene
Concen: 0.391 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:228 Resp: 22883

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	19.1	16.0	24.0



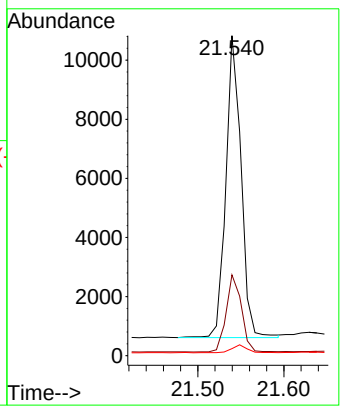


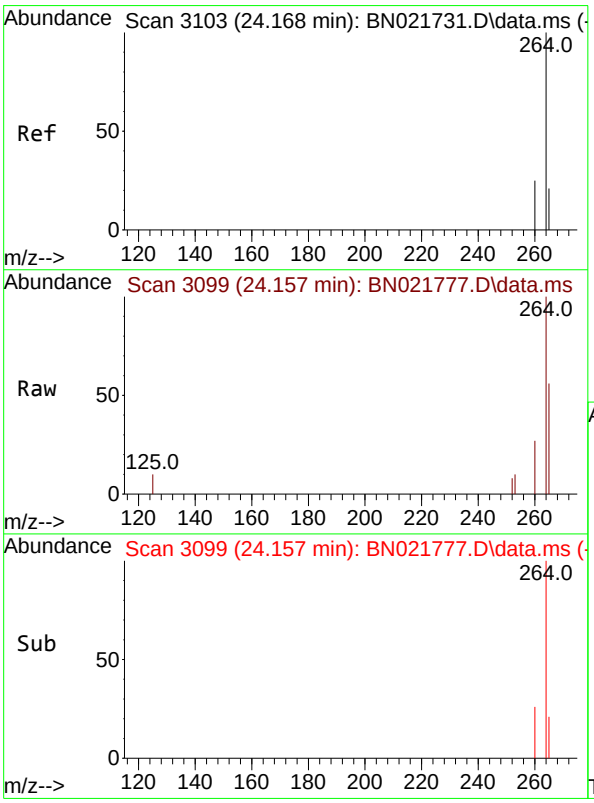
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 12494

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.8	31.2
279	2.4	2.1	3.1

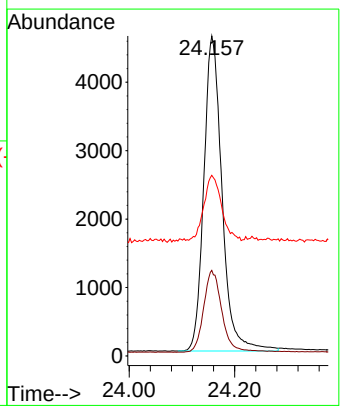


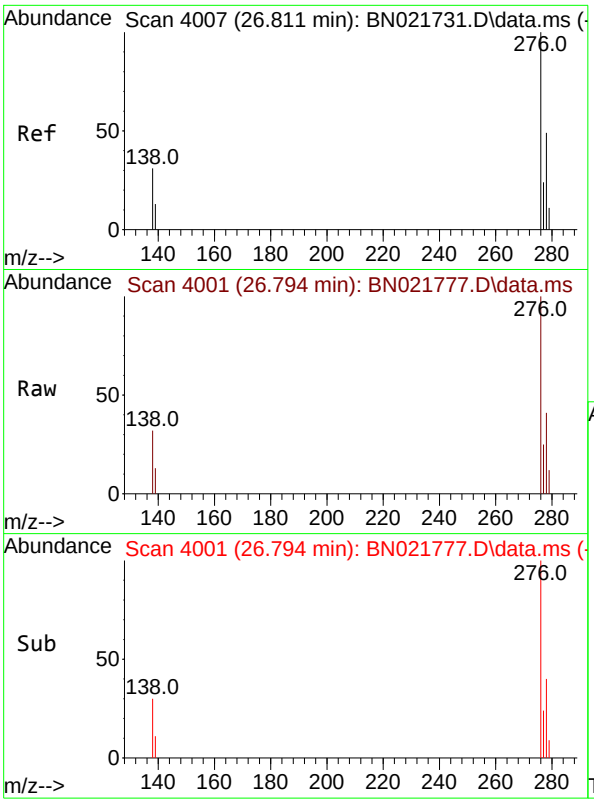


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.157 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:264 Resp: 11033

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.6	31.0
265	56.4	34.4	51.6#



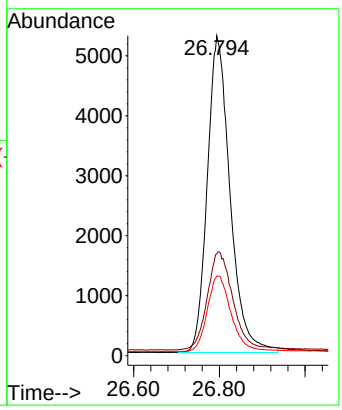


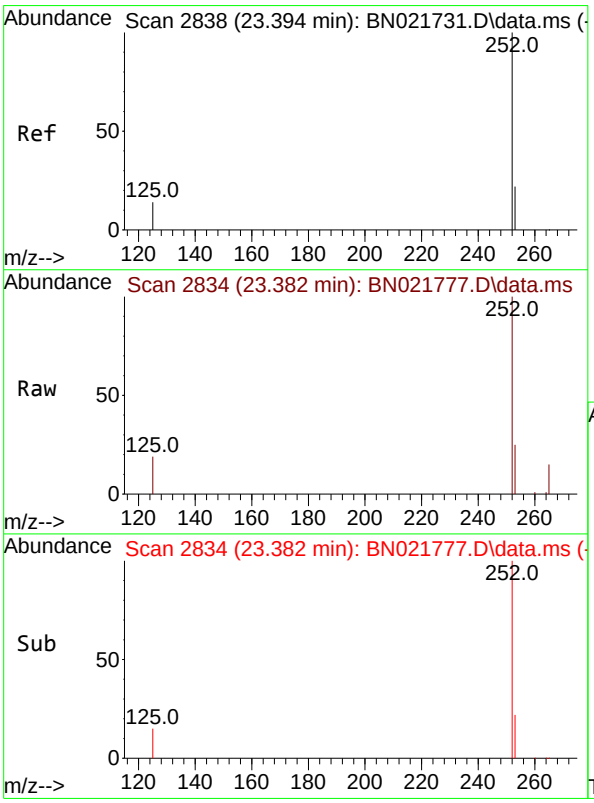
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 26.794 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19475

Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.4	41.0
277	24.8	19.8	29.6

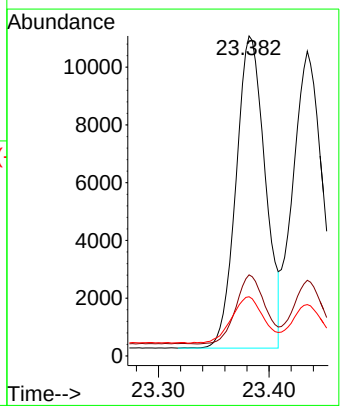


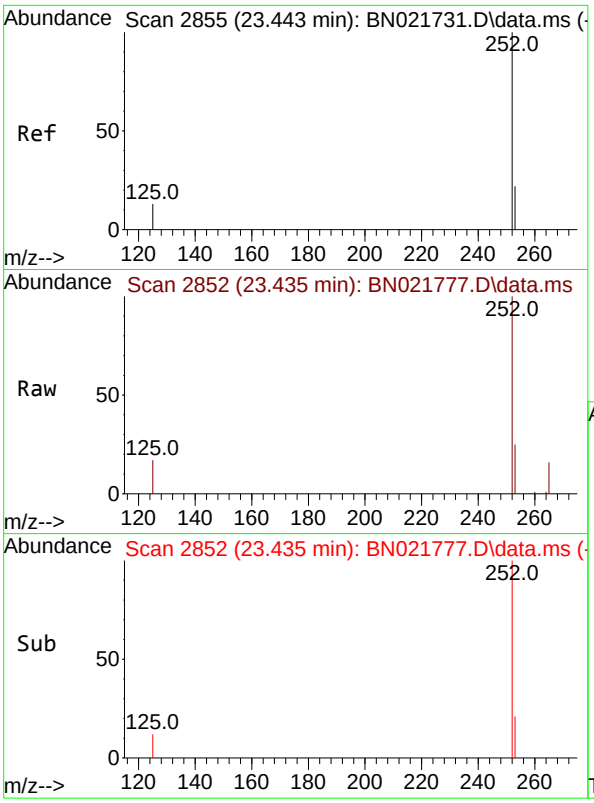


#37
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.382 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:252 Resp: 19714

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.6	29.4
125	18.5	13.0	19.4



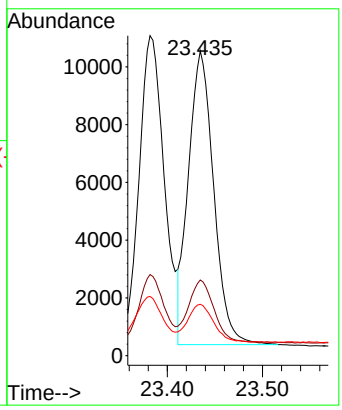


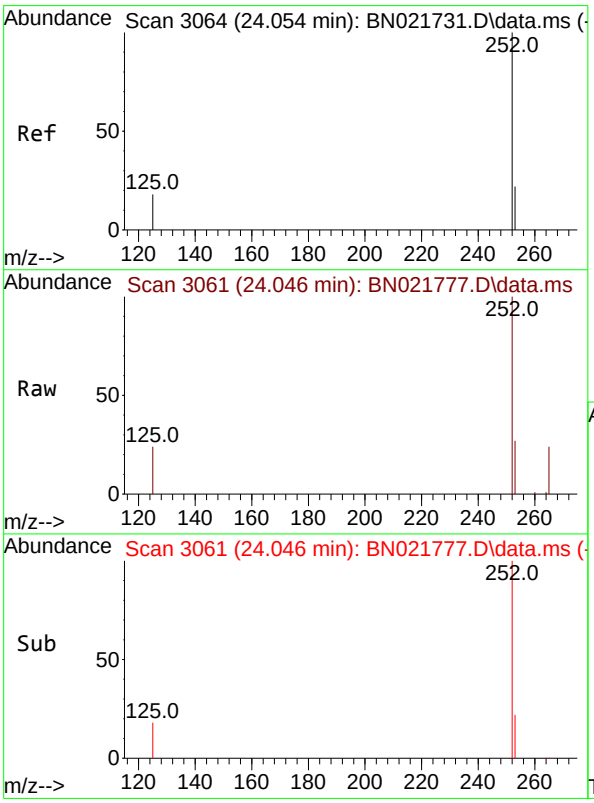
#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.435 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18749

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	16.8	12.6	18.8

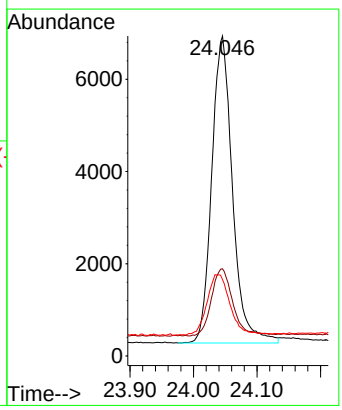


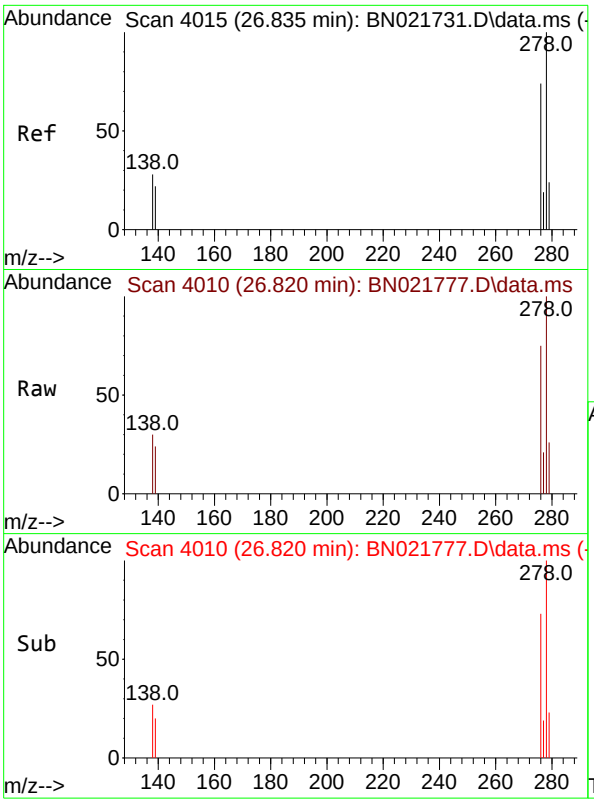


#39
Benzo(a)pyrene
Concen: 0.378 ng
RT: 24.046 min Scan# 3061
Delta R.T. -0.009 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:252 Resp: 15107

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.8	31.2
125	23.9	17.4	26.0



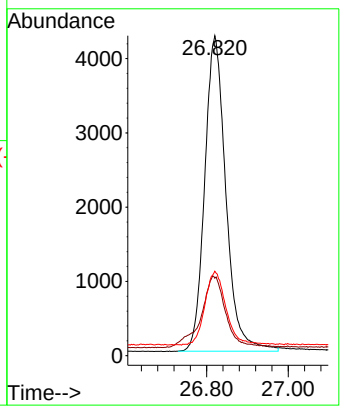


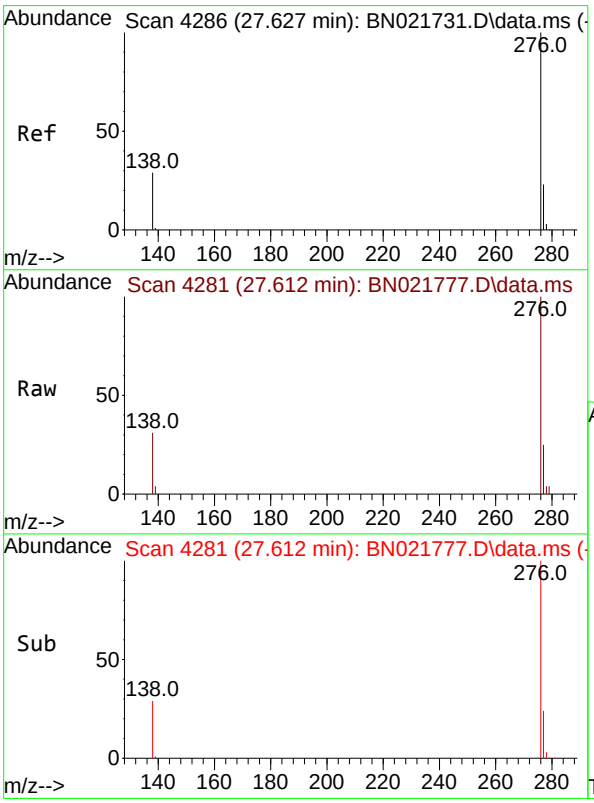
#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.820 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 15301

Ion	Ratio	Lower	Upper
278	100		
139	24.2	19.2	28.8
279	26.4	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 27.612 min Scan# 4281
Delta R.T. -0.015 min
Lab File: BN021777.D
Acq: 15 Sep 2022 20:27

Tgt Ion:276 Resp: 15961

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	31.1	24.2	36.2