Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021577.D
Acq On : 03 Sep 2022 02:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 03 03:49:01 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 02 00:53:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	4684	0.400	ng		0.00
7) Naphthalene-d8	10.898	136	15083	0.400	ng		0.00
13) Acenaphthene-d10	14.718	164	8568	0.400	ng		0.00
19) Phenanthrene-d10	17.470	188	17523	0.400	ng		0.00
29) Chrysene-d12	21.655	240	11280	0.400	ng		0.00
35) Perylene-d12	24.170	264	7655	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	3925	0.428	ng		0.00
5) Phenol-d6	7.217	99	4975	0.426	ng		0.00
8) Nitrobenzene-d5	9.243	82	4063	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	12.482	152	14868	0.437	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1022	0.363	ng		-0.01
15) 2-Fluorobiphenyl	13.349	172	14809	0.395	ng		0.00
27) Fluoranthene-d10	19.497	212	16802	0.373	ng		0.00
31) Terphenyl-d14	20.088	244	11246	0.444	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2488	0.425	ng	#	89
3) n-Nitrosodimethylamine	3.743	42	2209	0.418	ng		92
6) bis(2-Chloroethyl)ether	7.484	93	6005	0.408	ng		96
9) Naphthalene	10.951	128	17815	0.399	ng		99
10) Hexachlorobutadiene	11.229	225	3051	0.395	ng	#	100
12) 2-Methylnaphthalene	12.180	142	2495	0.462	ng		97
16) Acenaphthylene	14.440	152	15319	0.381	ng		100
17) Acenaphthene	14.782	154	11102	0.392	ng		97
18) Fluorene	15.765	166	13938	0.399	ng		100
21) 4-Bromophenyl-phenylether	16.649	248	4259	0.388	ng	#	72
22) Hexachlorobenzene	16.772	284	5363	0.400	ng		99
23) Atrazine	16.916	200	2368	0.370	ng		98
24) Pentachlorophenol	17.121	266	911	0.429	ng		99
25) Phenanthrene	17.511	178	23693	0.392	ng		100
26) Anthracene	17.603	178	18346	0.382	ng		99
28) Fluoranthene	19.527	202	23270	0.370	ng		100
30) Pyrene	19.889	202	25214	0.419	ng	#	94
32) Benzo(a)anthracene	21.637	228	15502	0.395	ng		100
33) Chrysene	21.691	228	18722	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.548	149	6915	0.437	ng		98
36) Indeno(1,2,3-cd)pyrene	26.816	276	13910	0.403	ng		99
37) Benzo(b)fluoranthene	23.393	252	15031	0.398	ng		98
38) Benzo(k)fluoranthene	23.442	252	14565	0.384	ng		100
39) Benzo(a)pyrene	24.056	252	10876	0.413	ng		99
40) Dibenzo(a,h)anthracene	26.845	278	10947	0.393	ng		96
41) Benzo(g,h,i)perylene	27.632	276	11570	0.379	ng		99

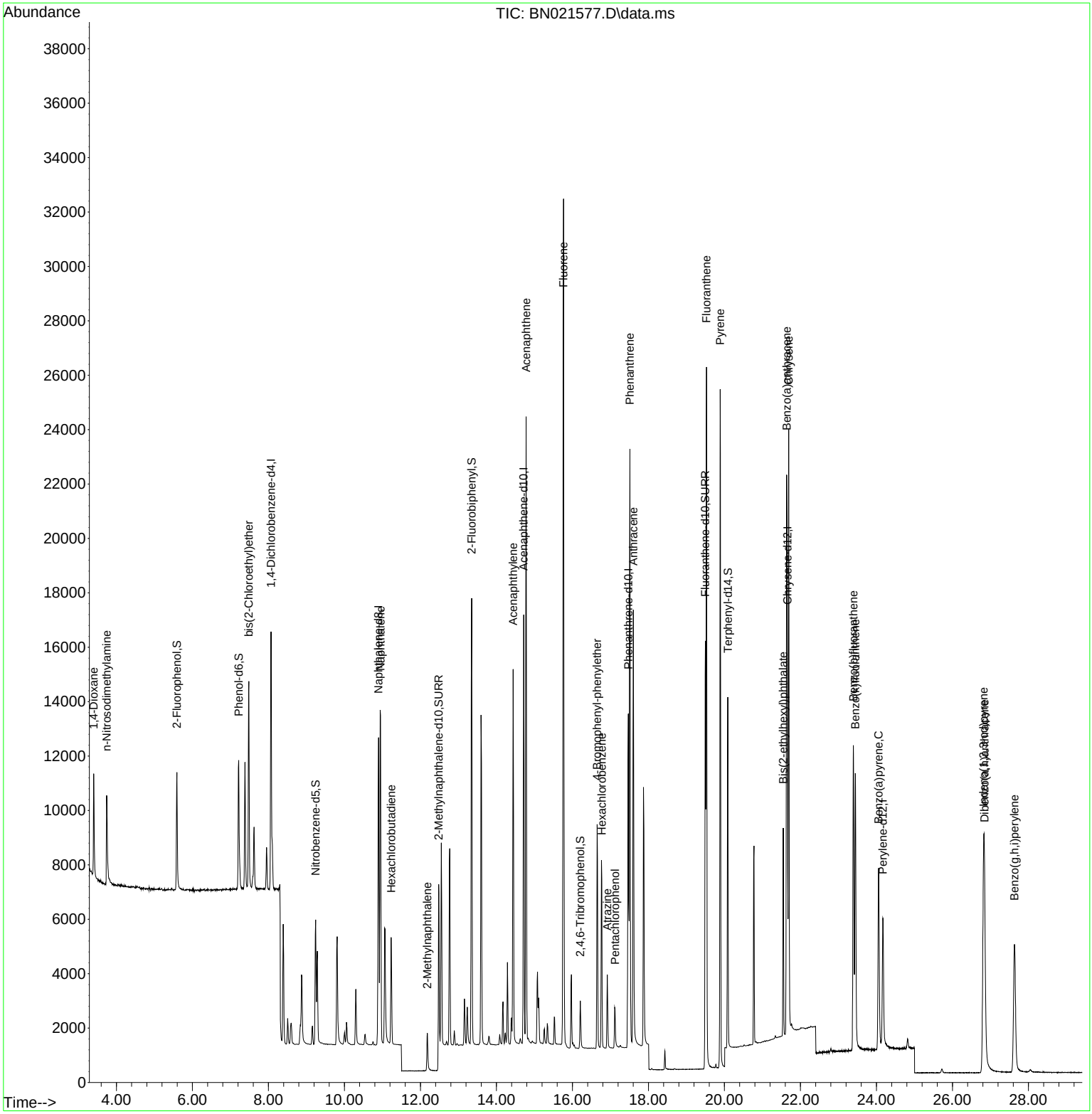
(#) = qualifier out of range (m) = manual integration (+) = signals summed

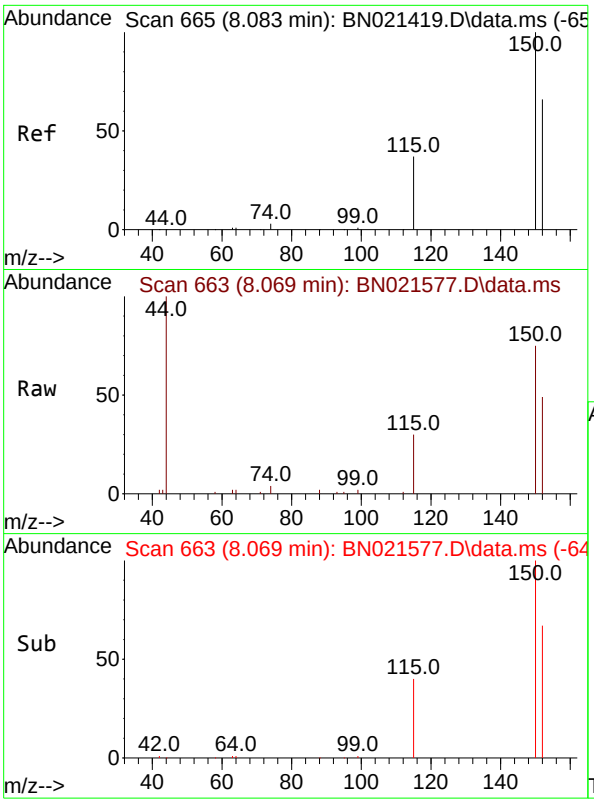
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021577.D
Acq On : 03 Sep 2022 02:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 03 03:49:01 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 02 00:53:31 2022
Response via : Initial Calibration



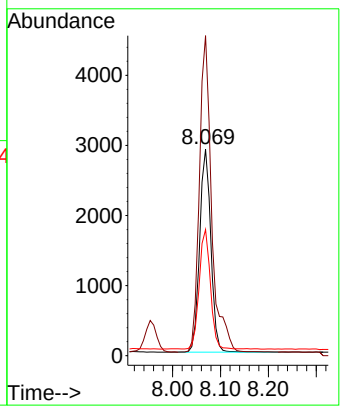


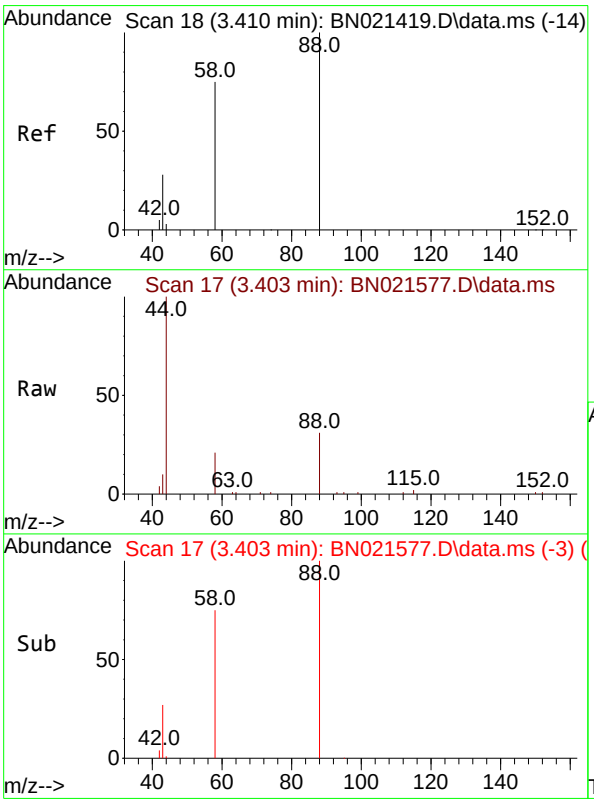
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4684

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.4	182.0
115	61.1	48.6	72.8

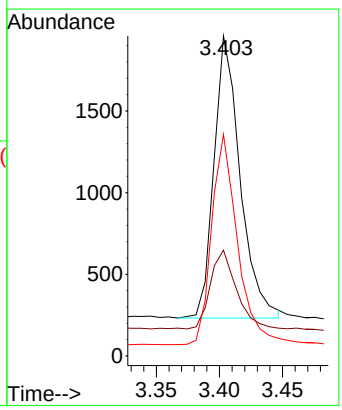


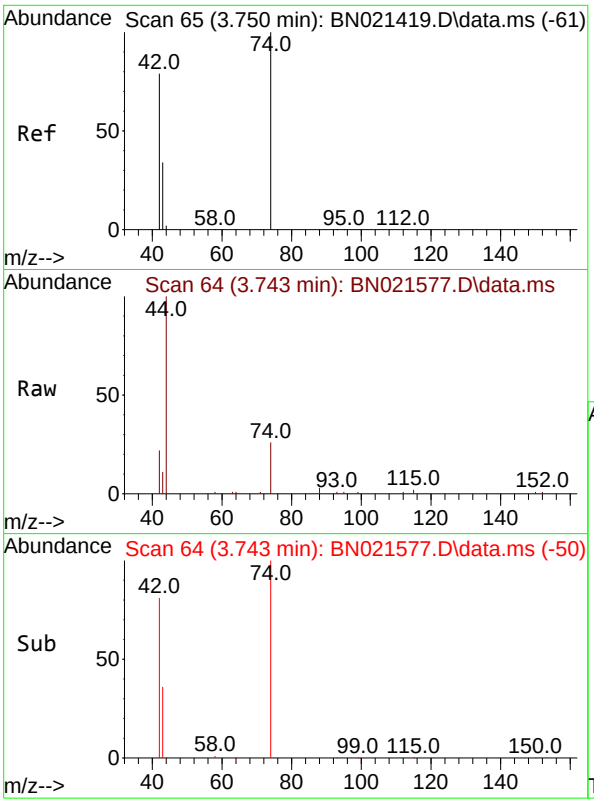


#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion: 88 Resp: 2488

Ion	Ratio	Lower	Upper
88	100		
43	28.1	35.8	53.8#
58	73.3	57.1	85.7



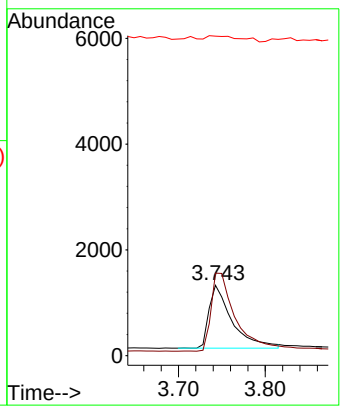


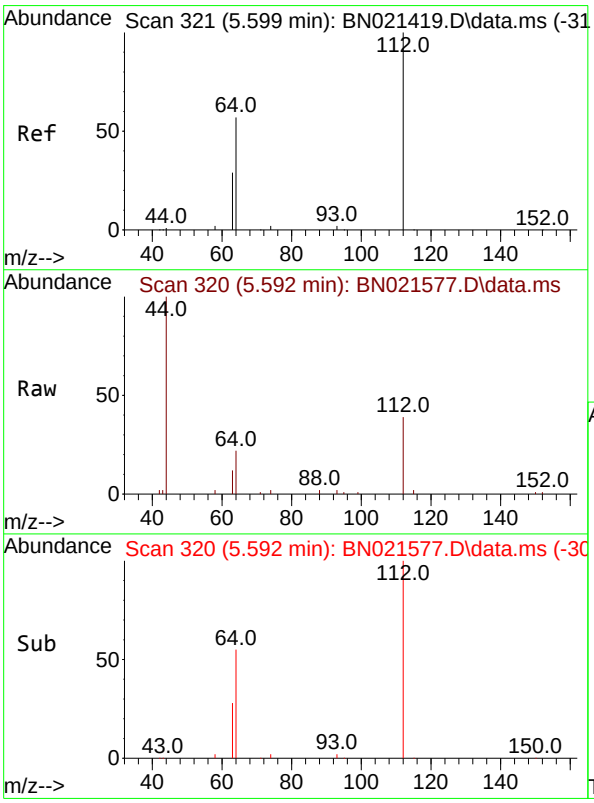
#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2209

Ion	Ratio	Lower	Upper
42	100		
74	131.3	113.0	169.6
44	13.7	10.5	15.7

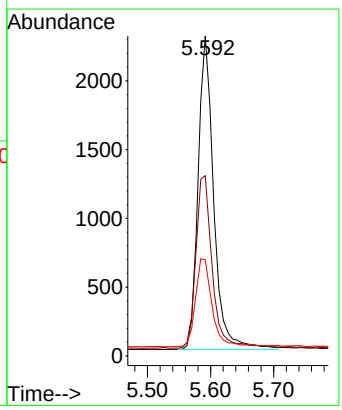


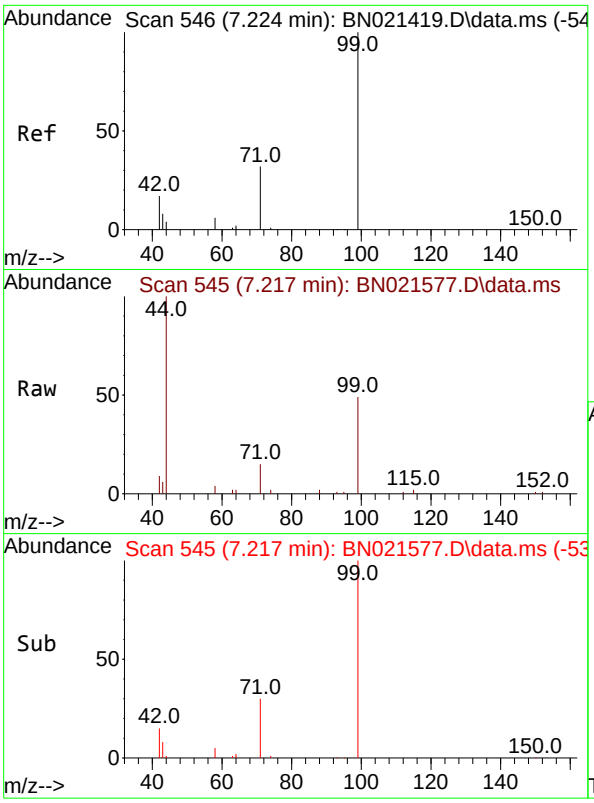


#4
2-Fluorophenol
Concen: 0.428 ng
RT: 5.592 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:112 Resp: 3925

Ion	Ratio	Lower	Upper
112	100		
64	57.7	43.5	65.3
63	30.5	22.6	34.0



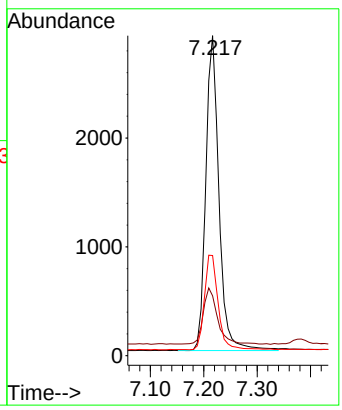


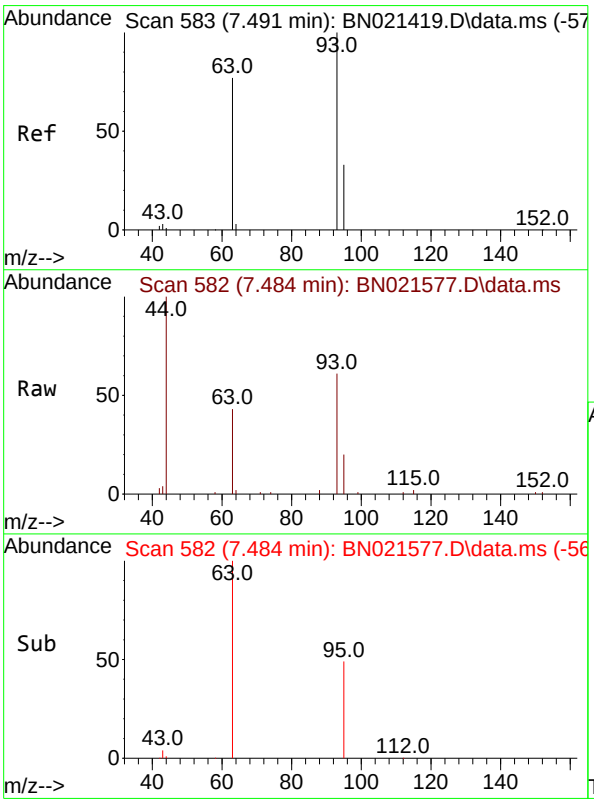
#5
Phenol-d6
Concen: 0.426 ng
RT: 7.217 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4975

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.5	23.3
71	31.3	24.2	36.2

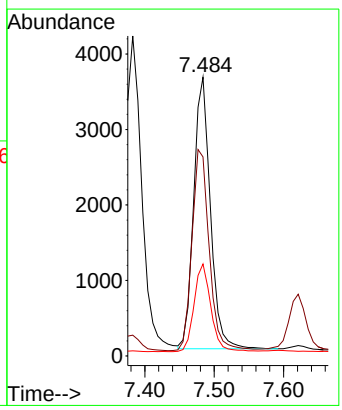


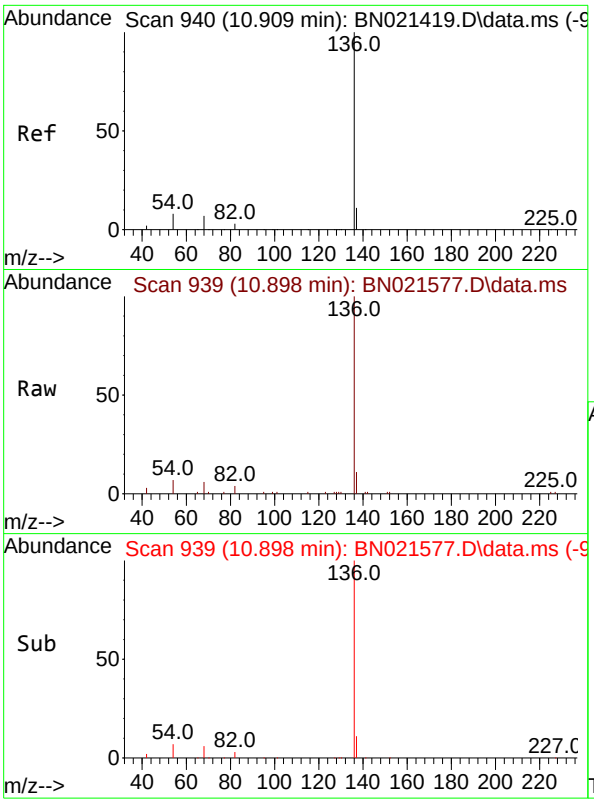


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.484 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion: 93 Resp: 6005

Ion	Ratio	Lower	Upper
93	100		
63	76.6	57.8	86.8
95	32.5	25.9	38.9



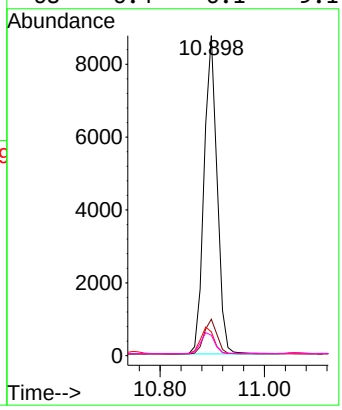


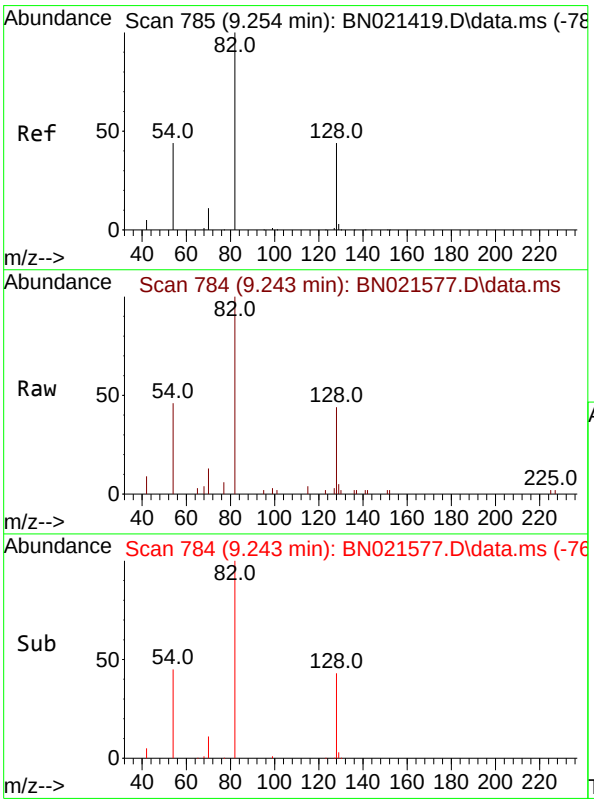
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15083

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.5	6.9	10.3
68	6.4	6.1	9.1

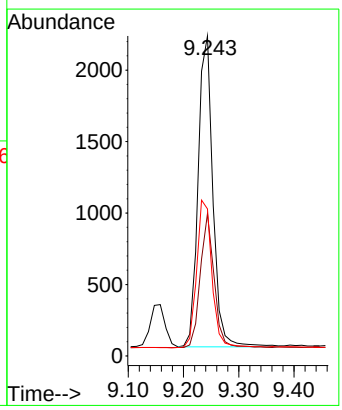


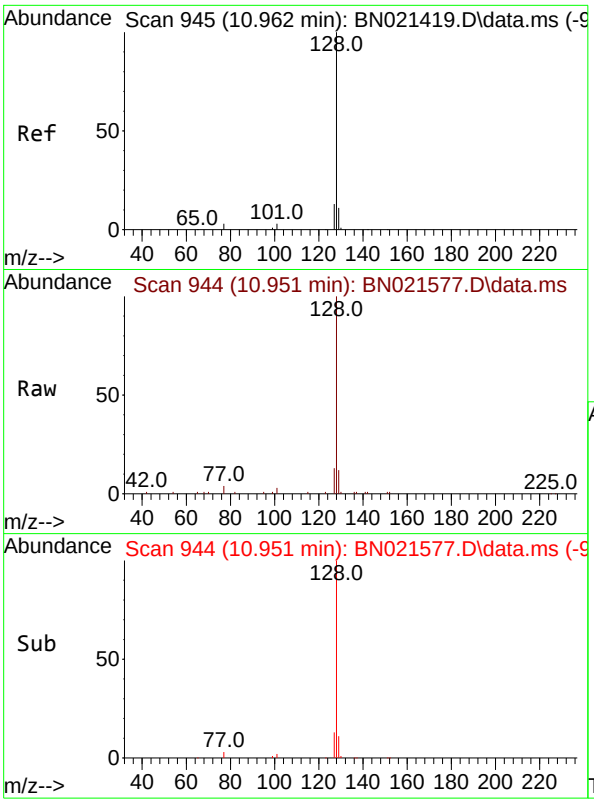


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion: 82 Resp: 4063

Ion	Ratio	Lower	Upper
82	100		
128	44.5	30.9	46.3
54	46.0	42.7	64.1



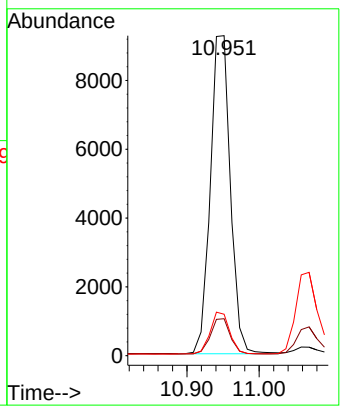


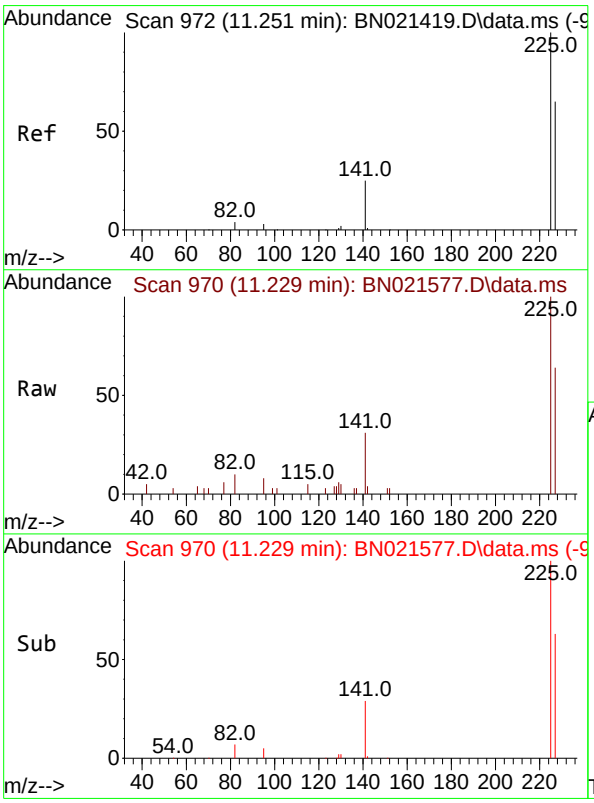
#9
Naphthalene
Concen: 0.399 ng
RT: 10.951 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17815

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.0	11.0	16.4

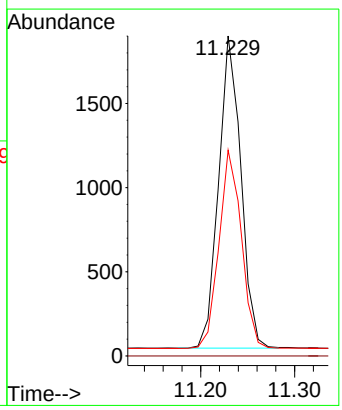


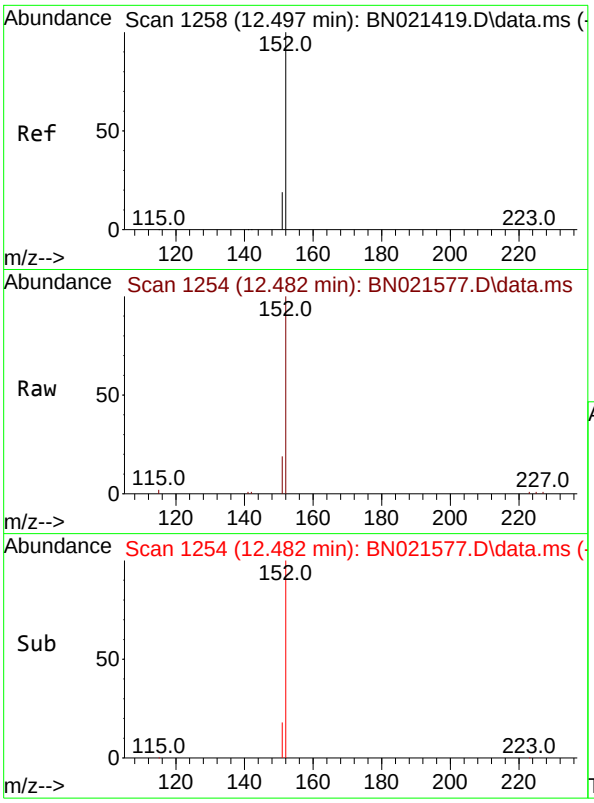


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.011 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:225 Resp: 3051

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



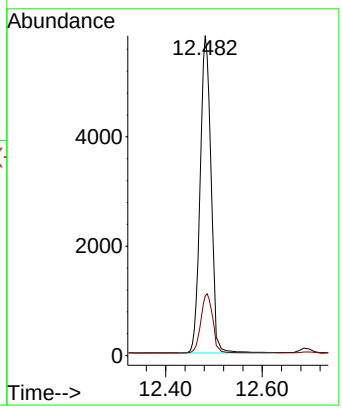


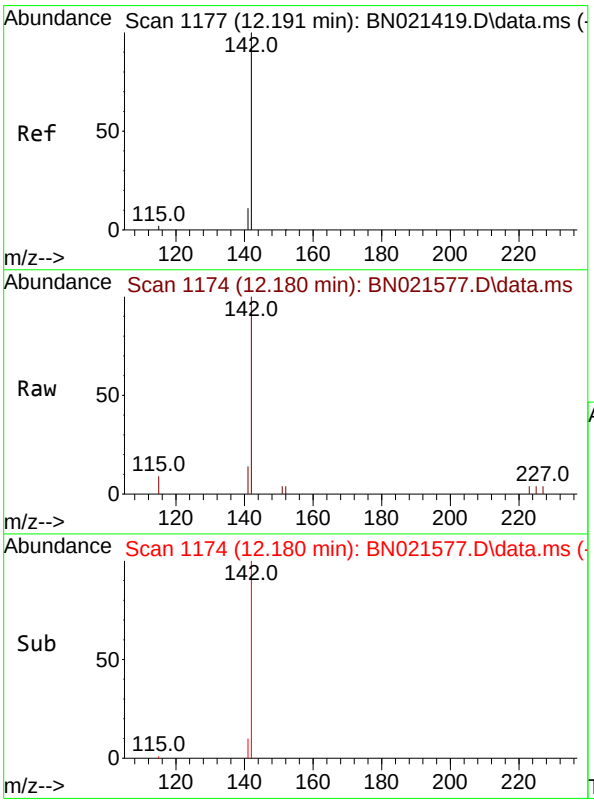
#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.482 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14868

Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.5	21.7

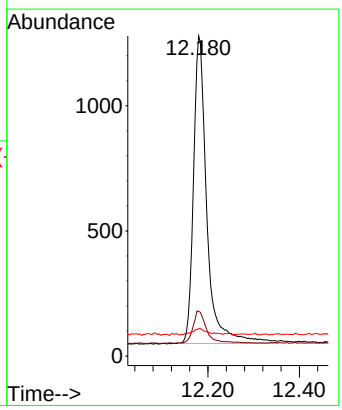


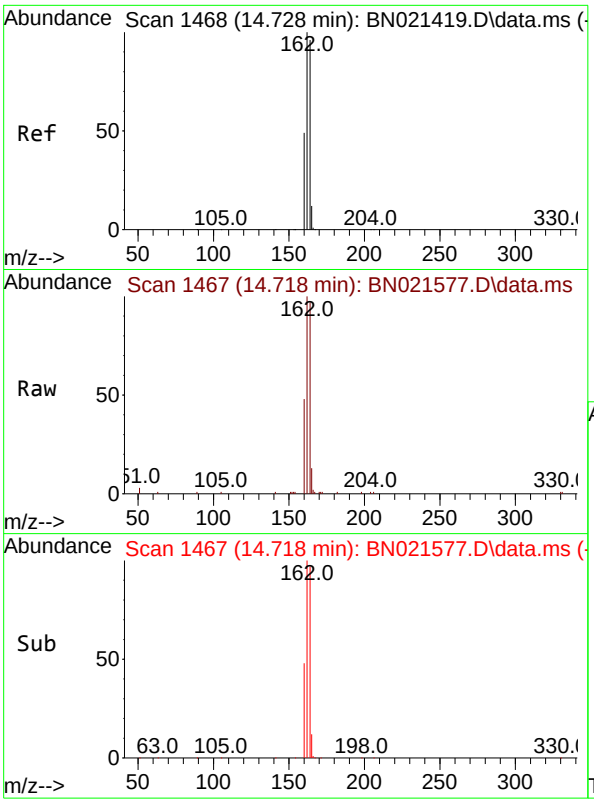


#12
2-Methylnaphthalene
Concen: 0.462 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:142 Resp: 2495

Ion	Ratio	Lower	Upper
142	100		
141	14.0	12.2	18.2
115	8.6	7.9	11.9



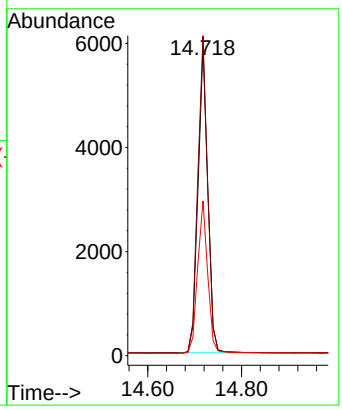


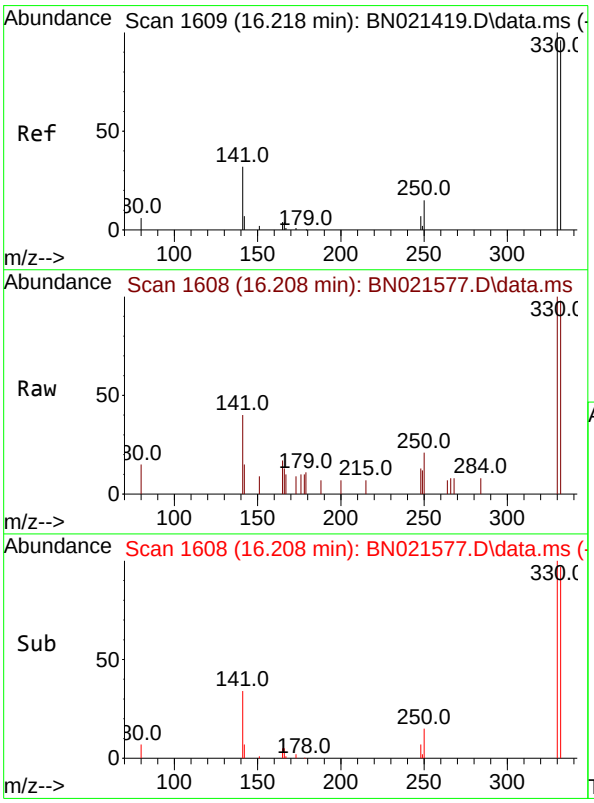
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8568

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.4
160	49.9	39.5	59.3

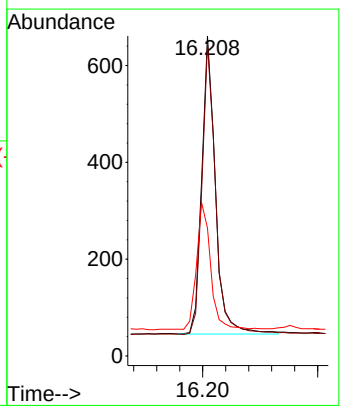


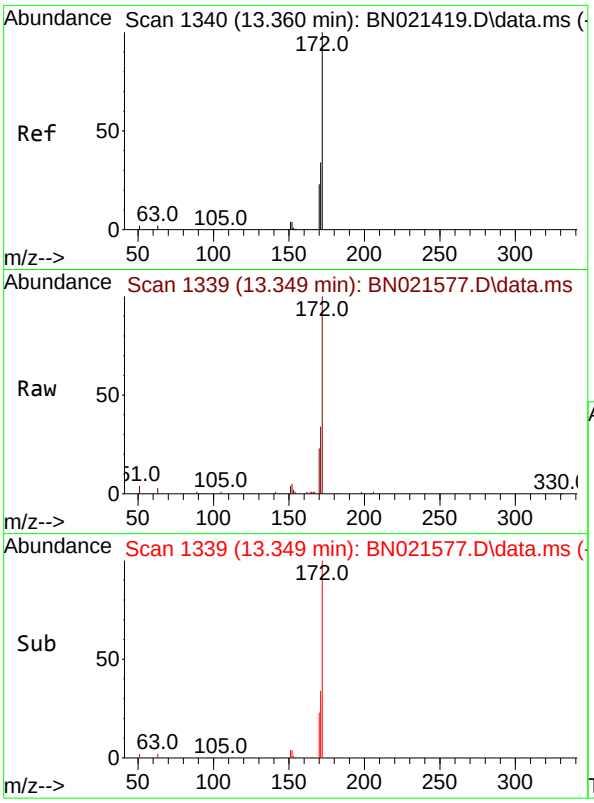


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:330 Resp: 1022

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.3	118.9
141	43.1	37.1	55.7



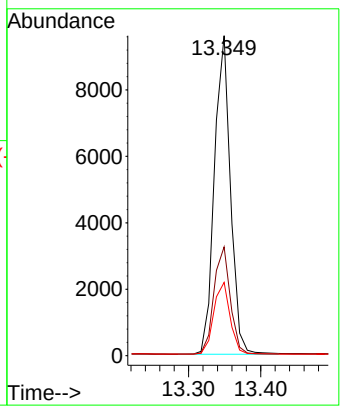


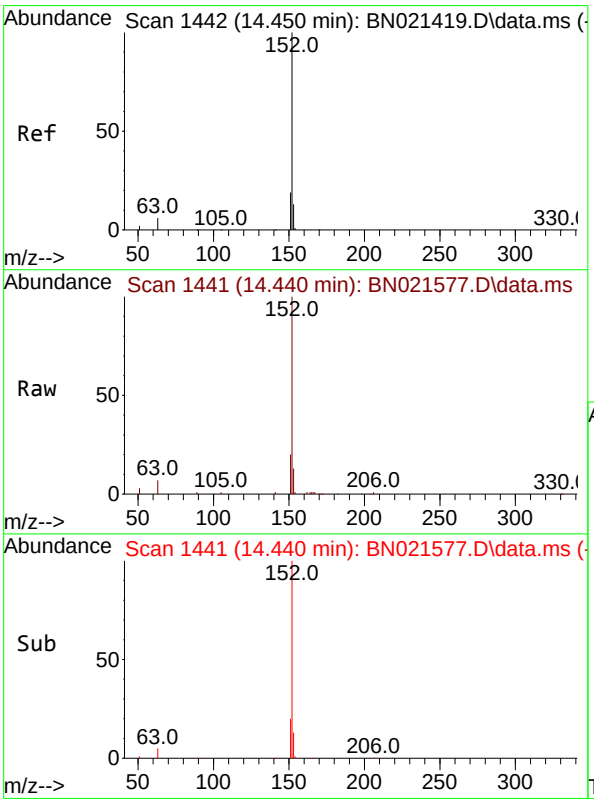
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14809

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.9	18.6	28.0

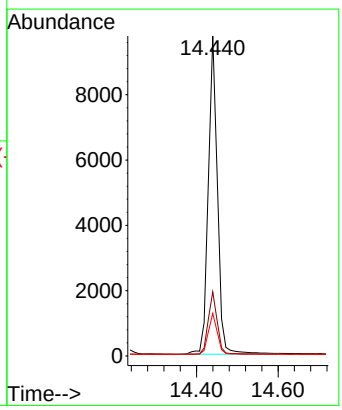


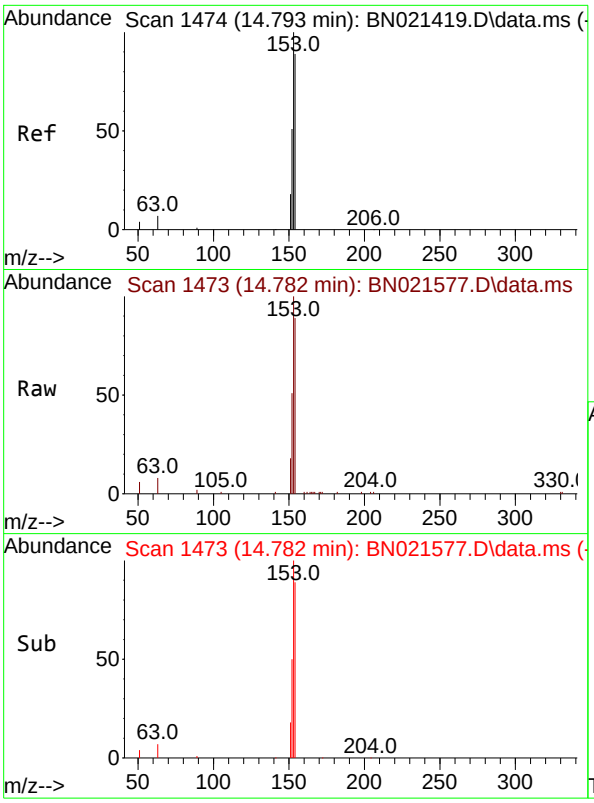


#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:152 Resp: 15319

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.8	10.3	15.5



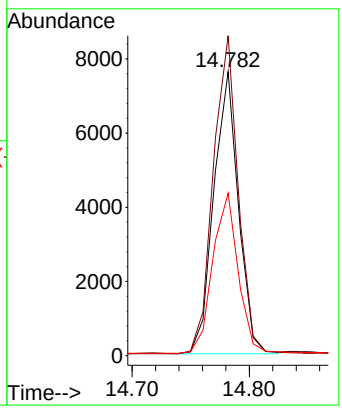


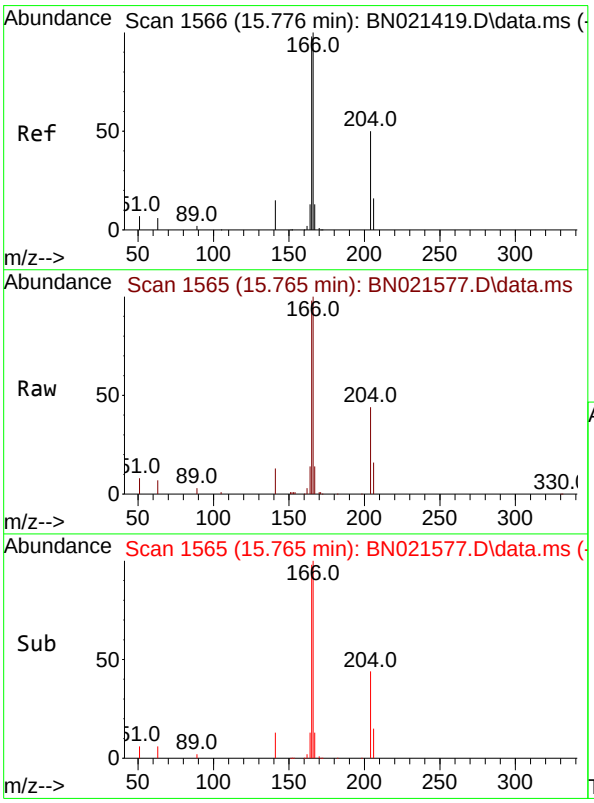
#17
Acenaphthene
Concen: 0.392 ng
RT: 14.782 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11102

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.5	134.3
152	59.1	45.5	68.3

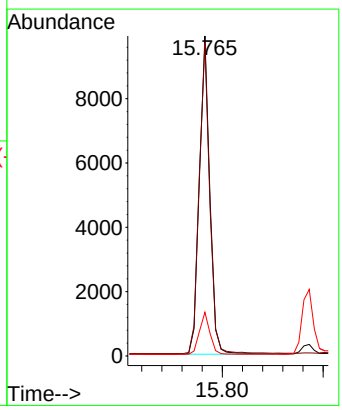


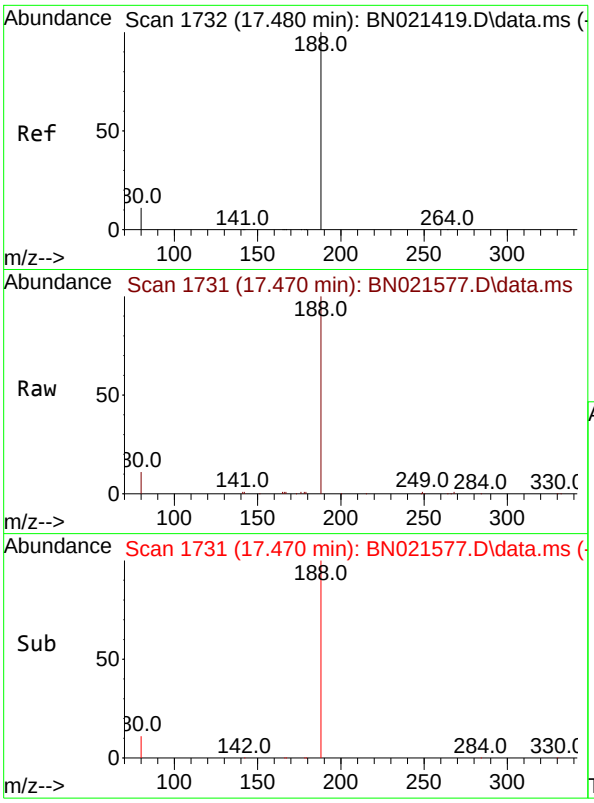


#18
Fluorene
Concen: 0.399 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:166 Resp: 13938

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.7	118.1
167	13.4	10.6	16.0



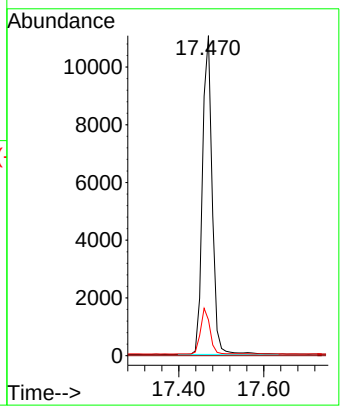


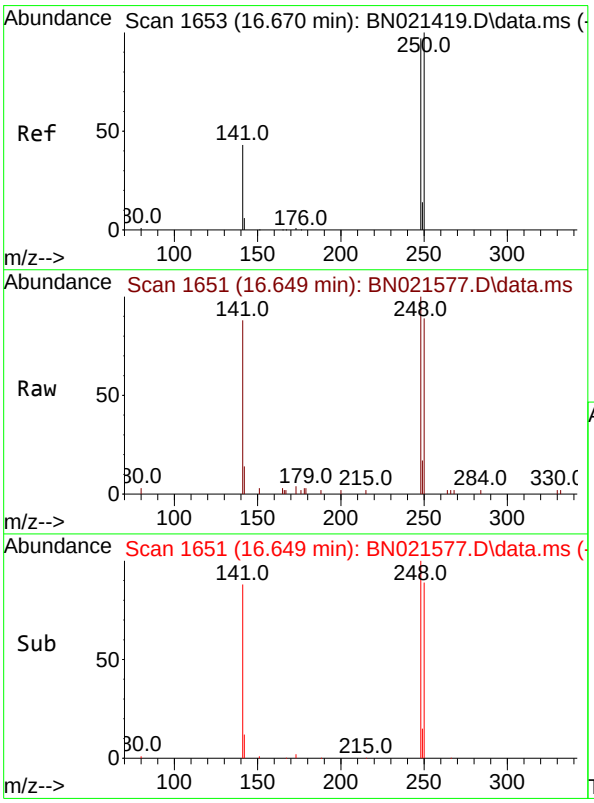
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17523

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	9.5	14.3

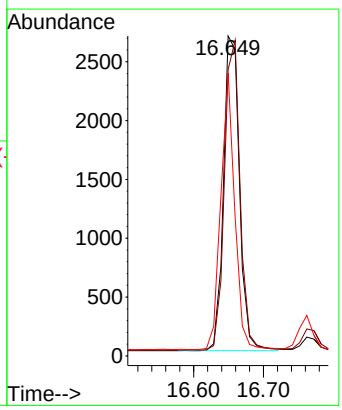


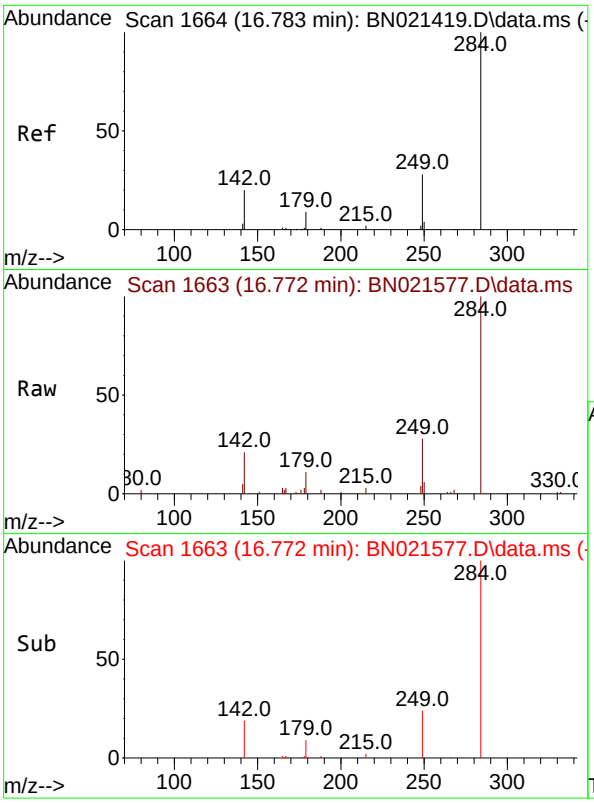


#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.649 min Scan# 1651
Delta R.T. -0.010 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:248 Resp: 4259

Ion	Ratio	Lower	Upper
248	100		
250	89.5	81.8	122.6
141	88.4	38.5	57.7#



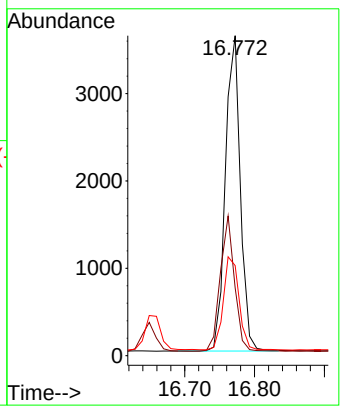


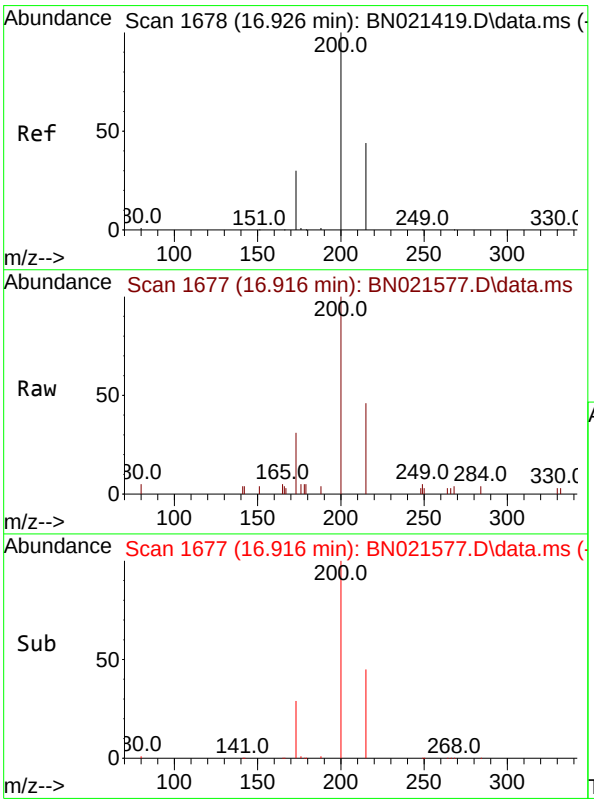
#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5363

Ion	Ratio	Lower	Upper
284	100		
142	40.7	32.3	48.5
249	30.8	25.4	38.2

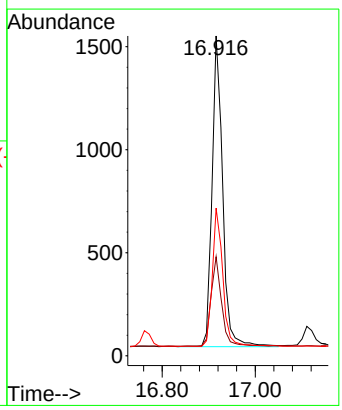


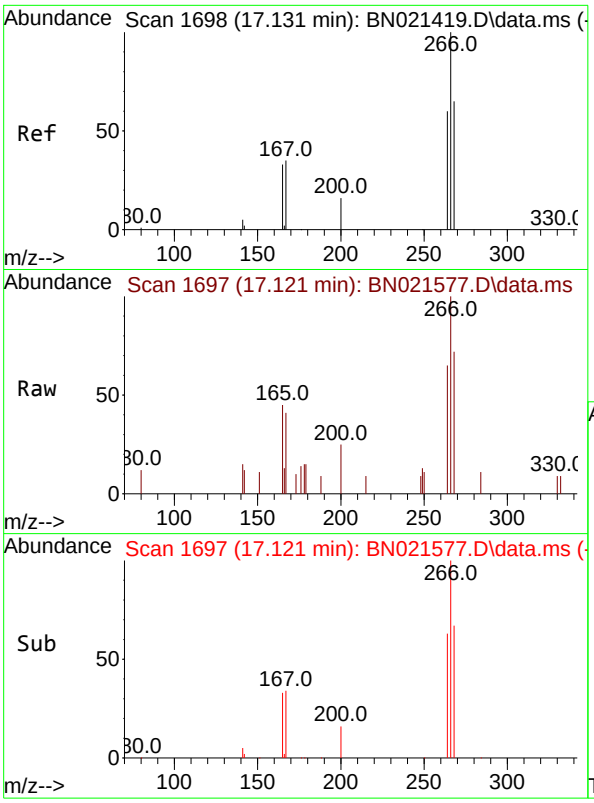


#23
Atrazine
Concen: 0.370 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.010 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:200 Resp: 2368

Ion	Ratio	Lower	Upper
200	100		
173	31.0	24.3	36.5
215	46.2	38.4	57.6



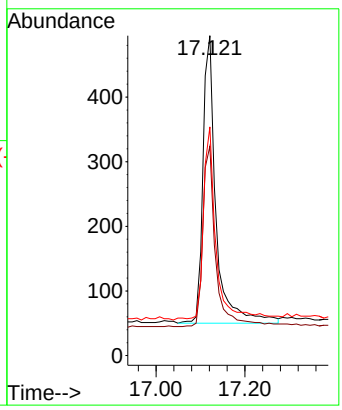


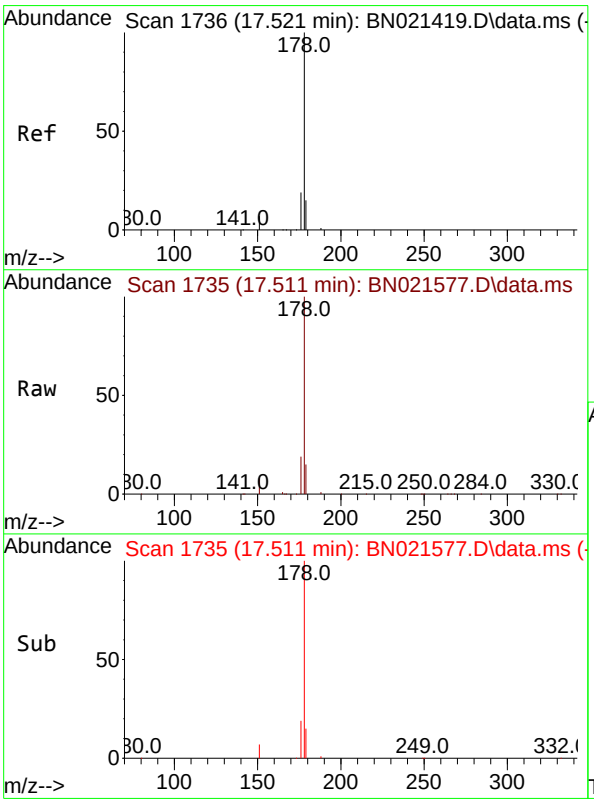
#24
Pentachlorophenol
Concen: 0.429 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 911

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.0	73.6
268	65.4	50.9	76.3

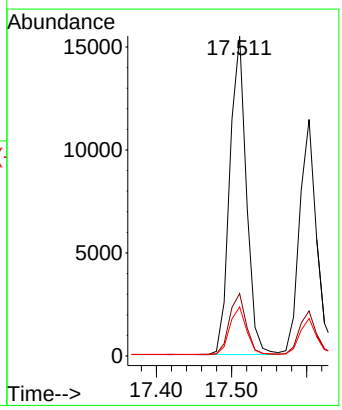


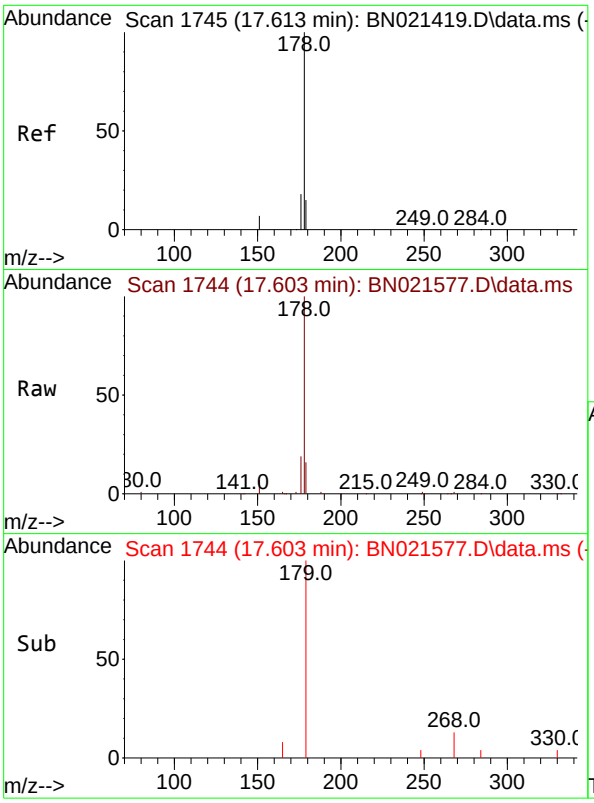


#25
Phenanthrene
Concen: 0.392 ng
RT: 17.511 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:178 Resp: 23693

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.2	18.4



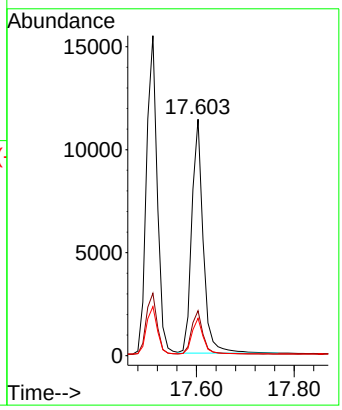


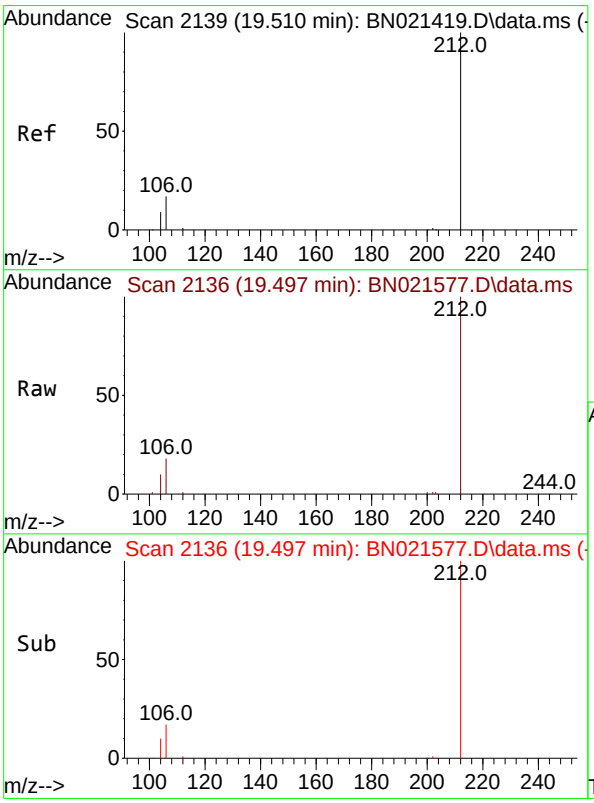
#26
Anthracene
Concen: 0.382 ng
RT: 17.603 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18346

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	14.9	12.2	18.2

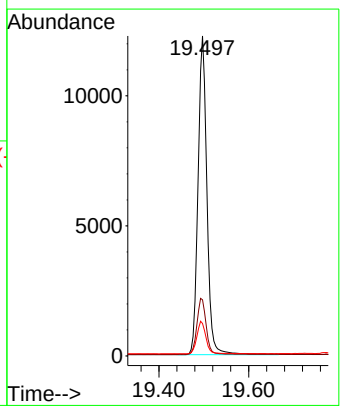


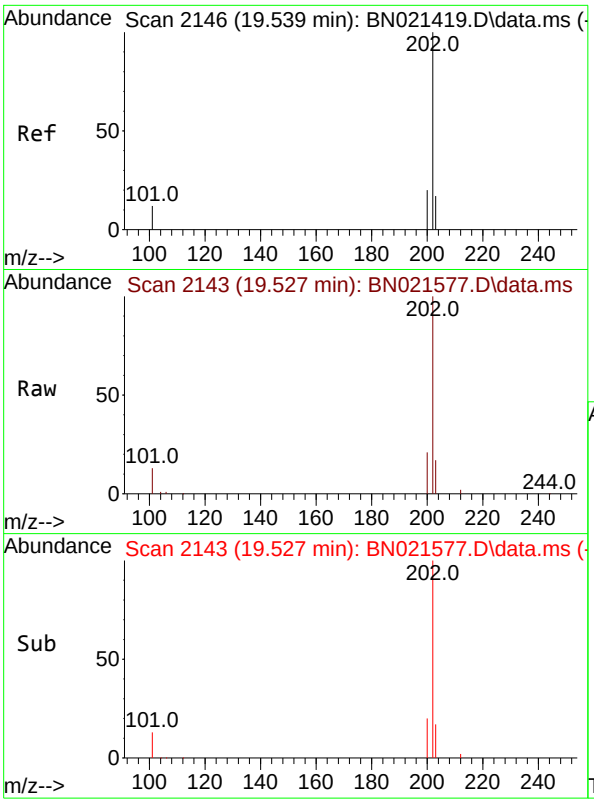


#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:212 Resp: 16802

Ion	Ratio	Lower	Upper
212	100		
106	18.2	14.2	21.2
104	10.1	7.8	11.6



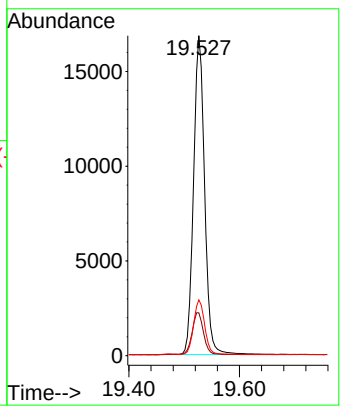


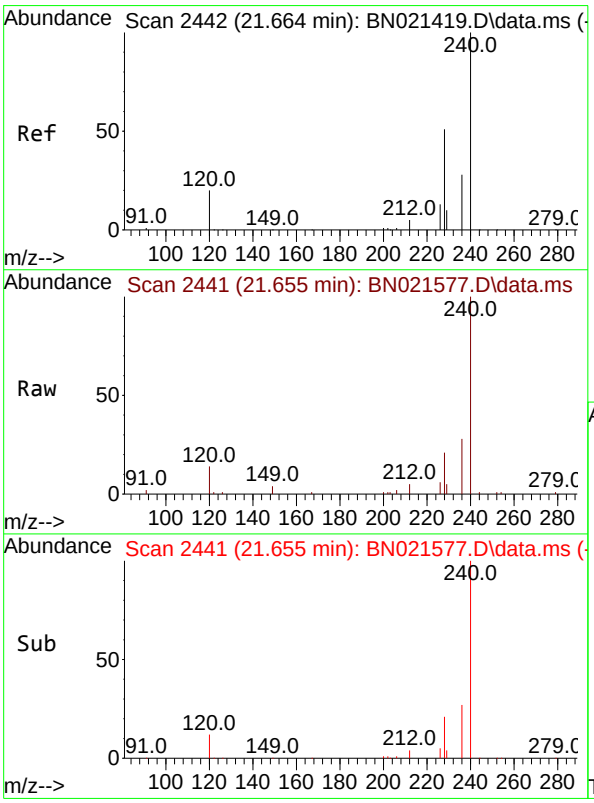
#28
Fluoranthene
Concen: 0.370 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 23270

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.9	16.3
203	17.1	13.8	20.6

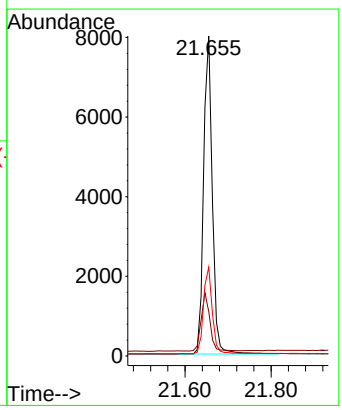


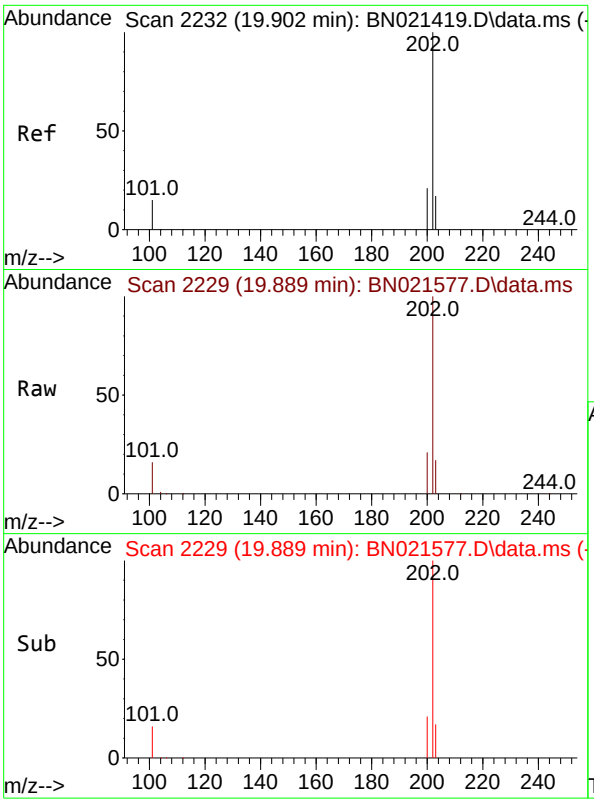


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:240 Resp: 11280

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.2	15.4
236	27.8	22.1	33.1



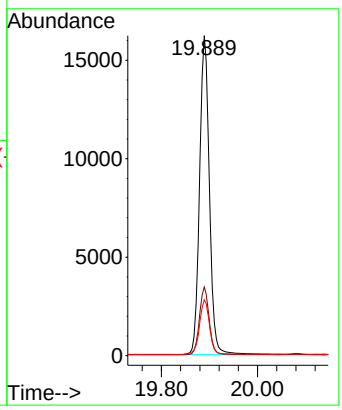


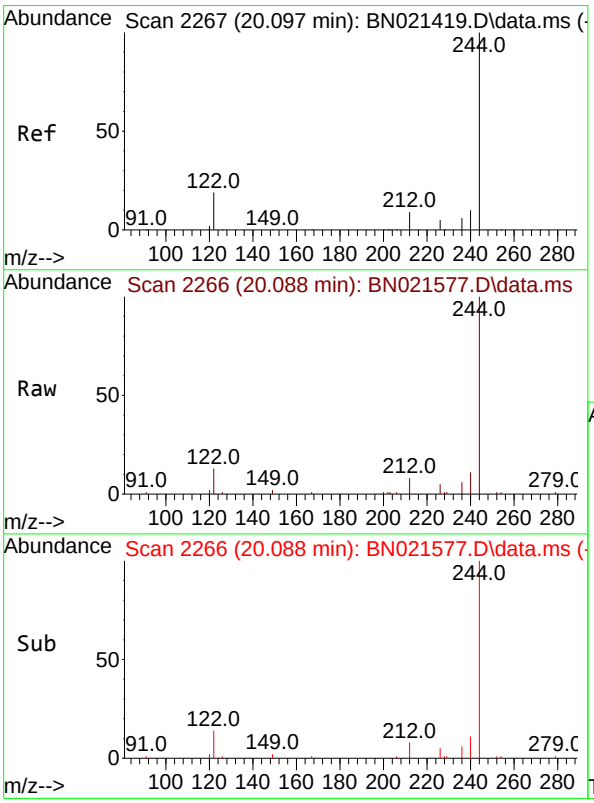
#30
Pyrene
Concen: 0.419 ng
RT: 19.889 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25214

Ion	Ratio	Lower	Upper
202	100		
200	21.1	13.9	20.9#
203	16.1	11.9	17.9

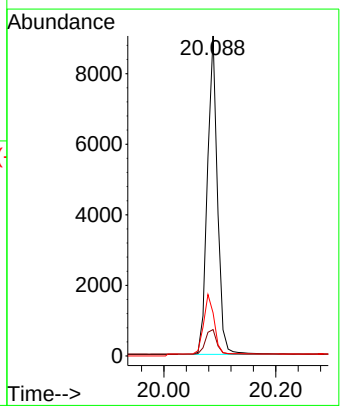


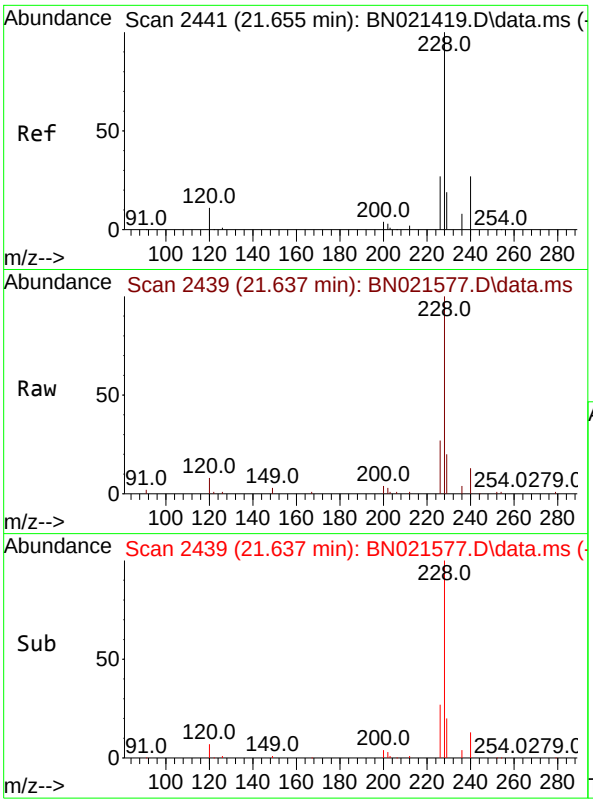


#31
Terphenyl-d14
Concen: 0.444 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:244 Resp: 11246

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	13.4	9.1	13.7



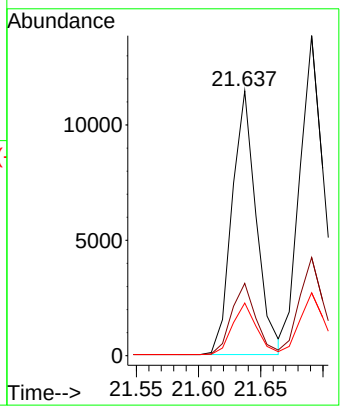


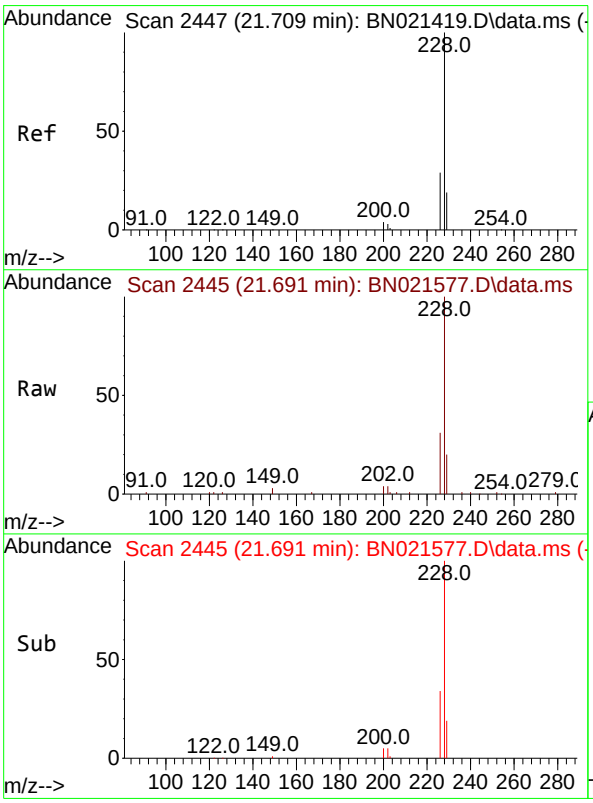
#32
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.637 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 15502

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.9	15.9	23.9

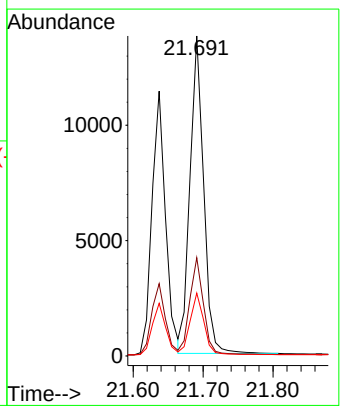


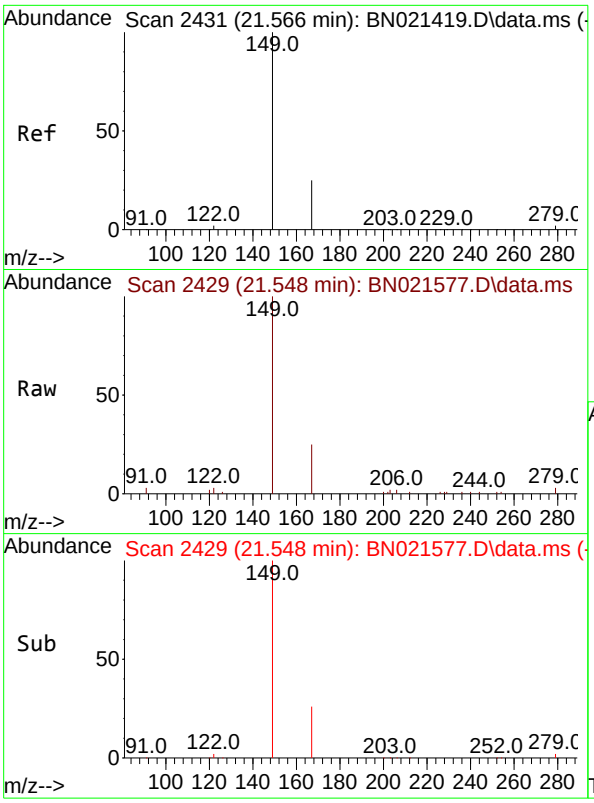


#33
Chrysene
Concen: 0.400 ng
RT: 21.691 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:228 Resp: 18722

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.7	15.9	23.9



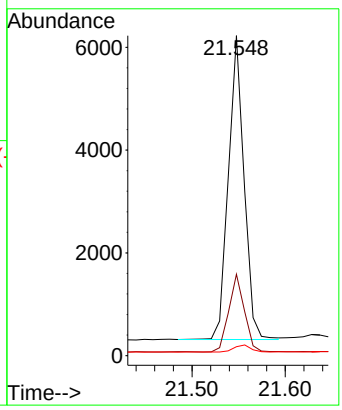


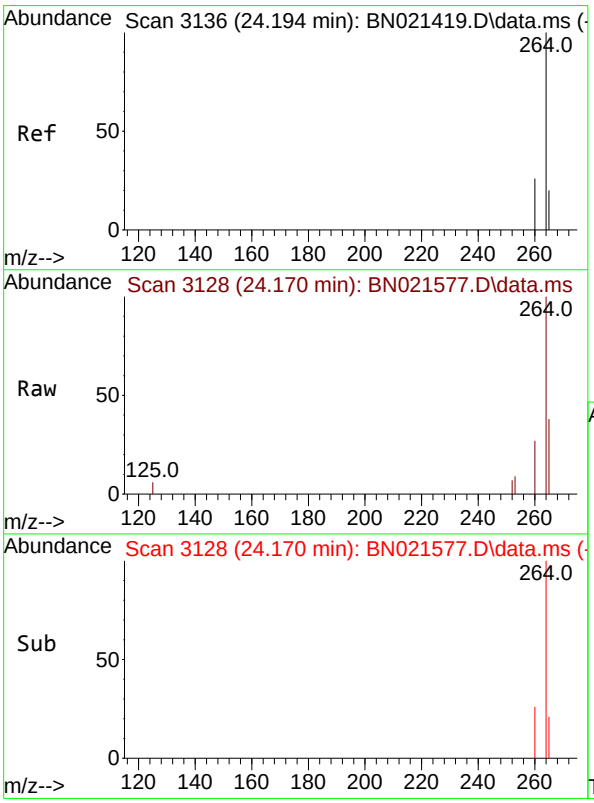
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.437 ng
RT: 21.548 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 6915

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.7	2.2	3.2

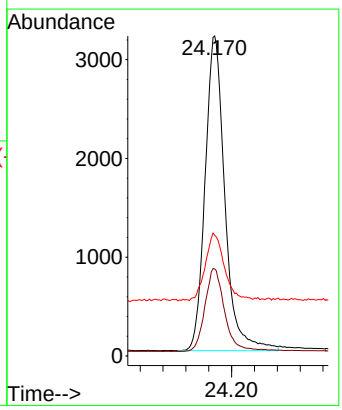


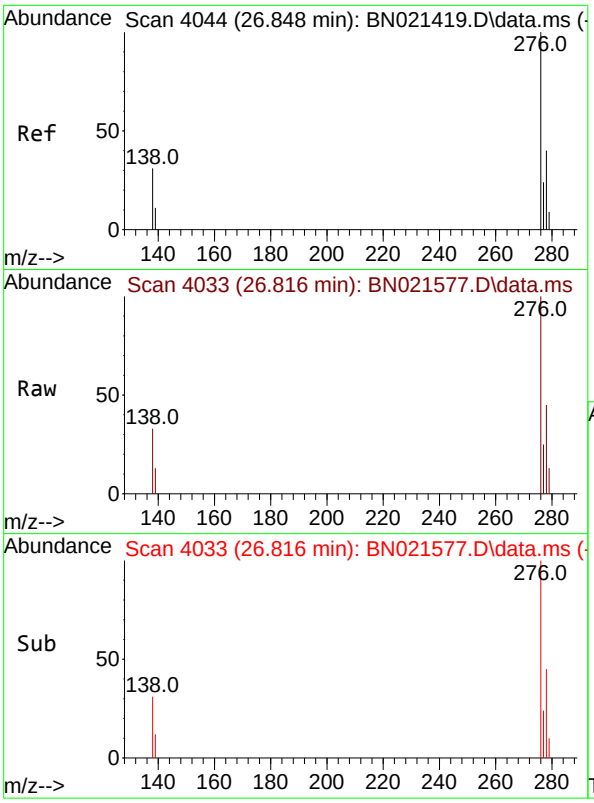


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.170 min Scan# 3128
Delta R.T. -0.015 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:264 Resp: 7655

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	37.7	32.2	48.2



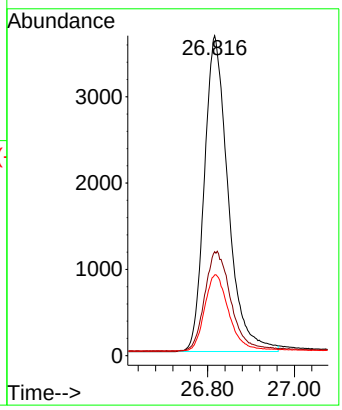


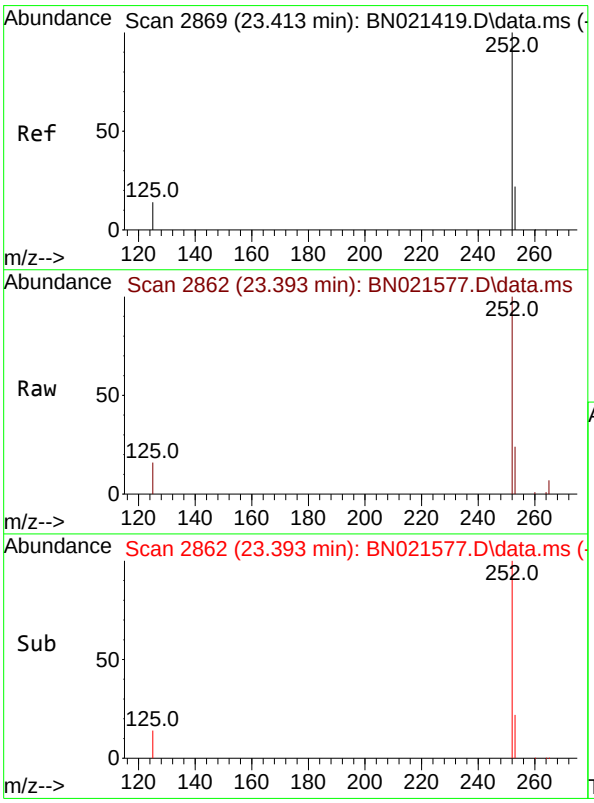
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.816 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13910

Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.4	41.2
277	24.8	19.9	29.9

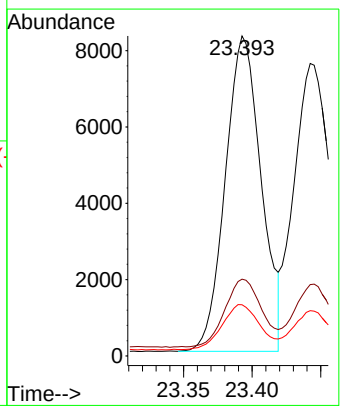


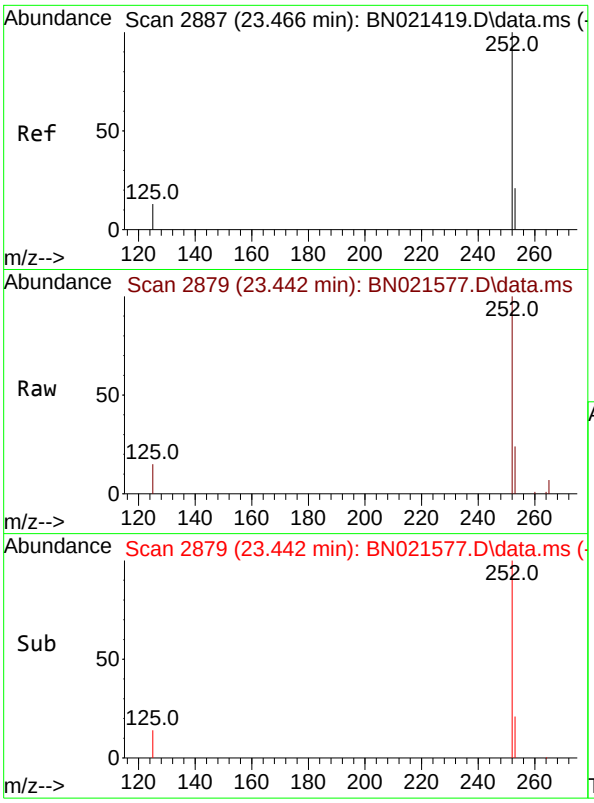


#37
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.393 min Scan# 2862
Delta R.T. -0.015 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:252 Resp: 15031

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.6
125	16.0	13.7	20.5



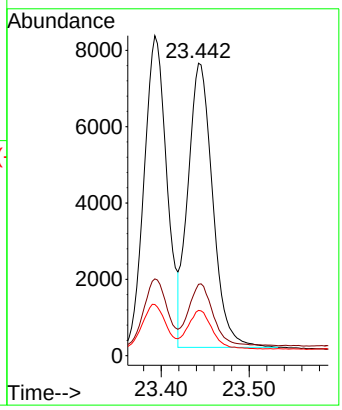


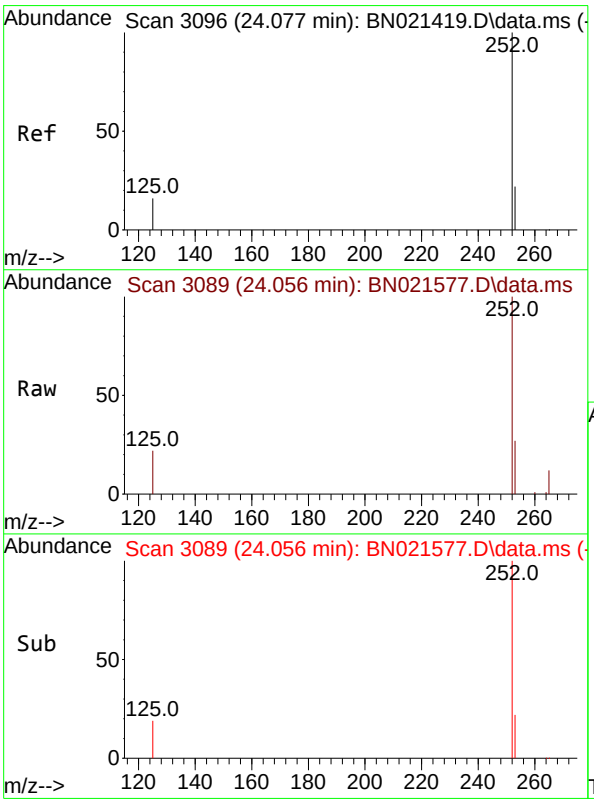
#38
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.442 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14565

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	15.5	12.3	18.5

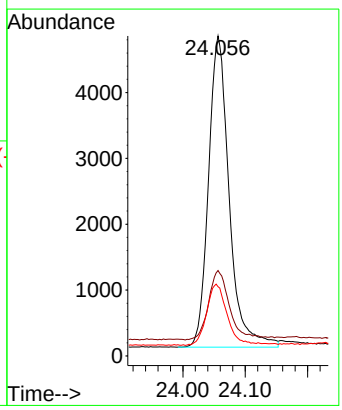


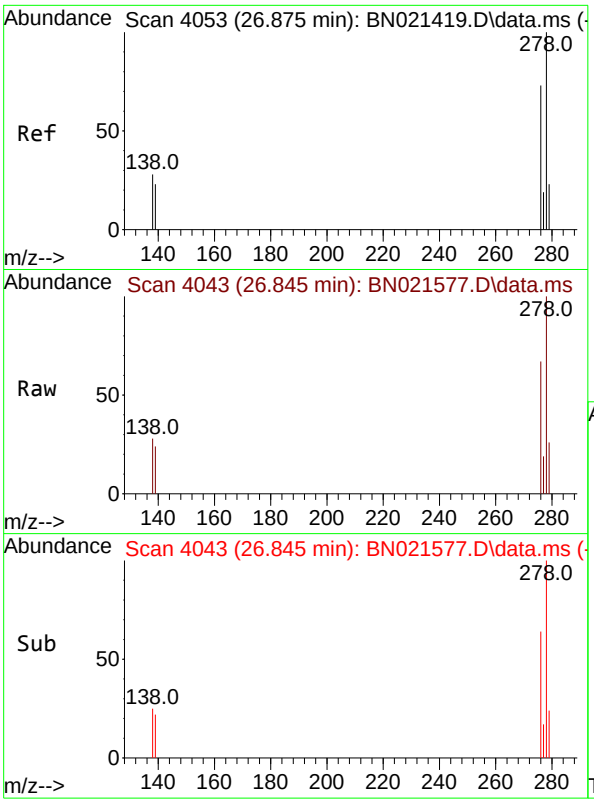


#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 24.056 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:252 Resp: 10876

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.1	31.7
125	21.6	16.6	25.0



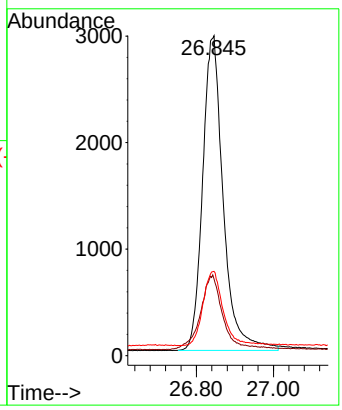


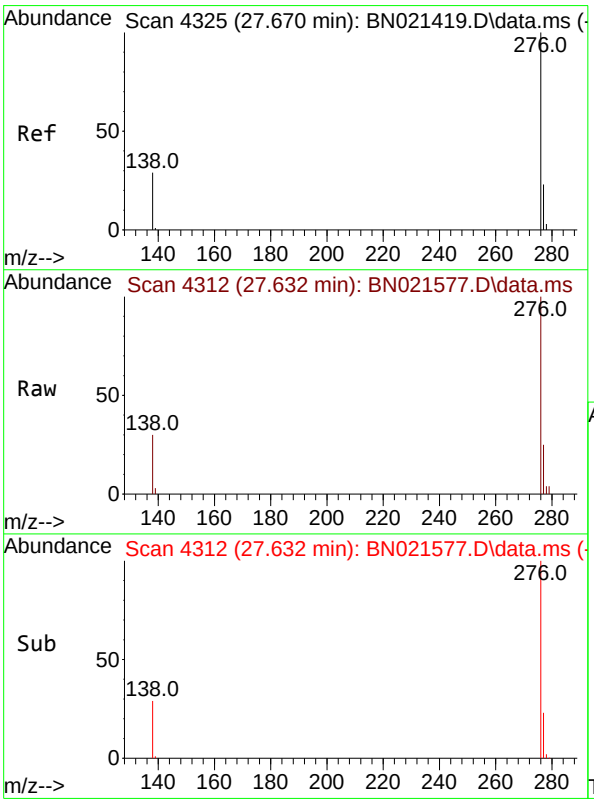
#40
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.845 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 10947

Ion	Ratio	Lower	Upper
278	100		
139	24.0	21.8	32.6
279	26.3	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 27.632 min Scan# 4312
Delta R.T. -0.021 min
Lab File: BN021577.D
Acq: 03 Sep 2022 02:38

Tgt Ion:276 Resp: 11570

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	30.3	23.7	35.5