Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021519.D
Acq On : 01 Sep 2022 09:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 02 00:55:38 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	4835	0.400	ng		0.00
7) Naphthalene-d8	10.898	136	15390	0.400	ng		0.00
13) Acenaphthene-d10	14.718	164	8662	0.400	ng		0.00
19) Phenanthrene-d10	17.470	188	17805	0.400	ng		0.00
29) Chrysene-d12	21.664	240	11975	0.400	ng		0.00
35) Perylene-d12	24.185	264	7881	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	4256	0.450	ng		0.00
5) Phenol-d6	7.217	99	5333	0.442	ng		0.00
8) Nitrobenzene-d5	9.243	82	4168	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.486	152	15894	0.458	ng		0.00
14) 2,4,6-Tribromophenol	16.218	330	1092	0.384	ng		0.00
15) 2-Fluorobiphenyl	13.349	172	15513	0.410	ng		0.00
27) Fluoranthene-d10	19.501	212	18286	0.399	ng		0.00
31) Terphenyl-d14	20.097	244	12221	0.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2602	0.430	ng	#	88
3) n-Nitrosodimethylamine	3.743	42	2269	0.416	ng	#	93
6) bis(2-Chloroethyl)ether	7.484	93	6375	0.420	ng		97
9) Naphthalene	10.952	128	18634	0.409	ng		99
10) Hexachlorobutadiene	11.240	225	3218	0.408	ng	#	99
12) 2-Methylnaphthalene	12.183	142	2528	0.460	ng	#	96
16) Acenaphthylene	14.440	152	15874	0.390	ng		100
17) Acenaphthene	14.782	154	11796	0.412	ng		99
18) Fluorene	15.765	166	14687	0.416	ng		100
21) 4-Bromophenyl-phenylether	16.659	248	4488	0.403	ng	#	93
22) Hexachlorobenzene	16.772	284	5612	0.412	ng		99
23) Atrazine	16.926	200	2489	0.383	ng		98
24) Pentachlorophenol	17.121	266	1108	0.473	ng		99
25) Phenanthrene	17.511	178	25092	0.408	ng		100
26) Anthracene	17.603	178	19310	0.396	ng		99
28) Fluoranthene	19.531	202	25091	0.393	ng		100
30) Pyrene	19.898	202	28285	0.443	ng		98
32) Benzo(a)anthracene	21.646	228	17046	0.409	ng		100
33) Chrysene	21.700	228	20591	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.557	149	7034	0.419	ng		98
36) Indeno(1,2,3-cd)pyrene	26.840	276	14088	0.396	ng		100
37) Benzo(b)fluoranthene	23.407	252	15668	0.403	ng		98
38) Benzo(k)fluoranthene	23.460	252	15445	0.395	ng		99
39) Benzo(a)pyrene	24.068	252	11079	0.409	ng		98
40) Dibenzo(a,h)anthracene	26.857	278	11255	0.393	ng		97
41) Benzo(g,h,i)perylene	27.652	276	12237	0.390	ng		99

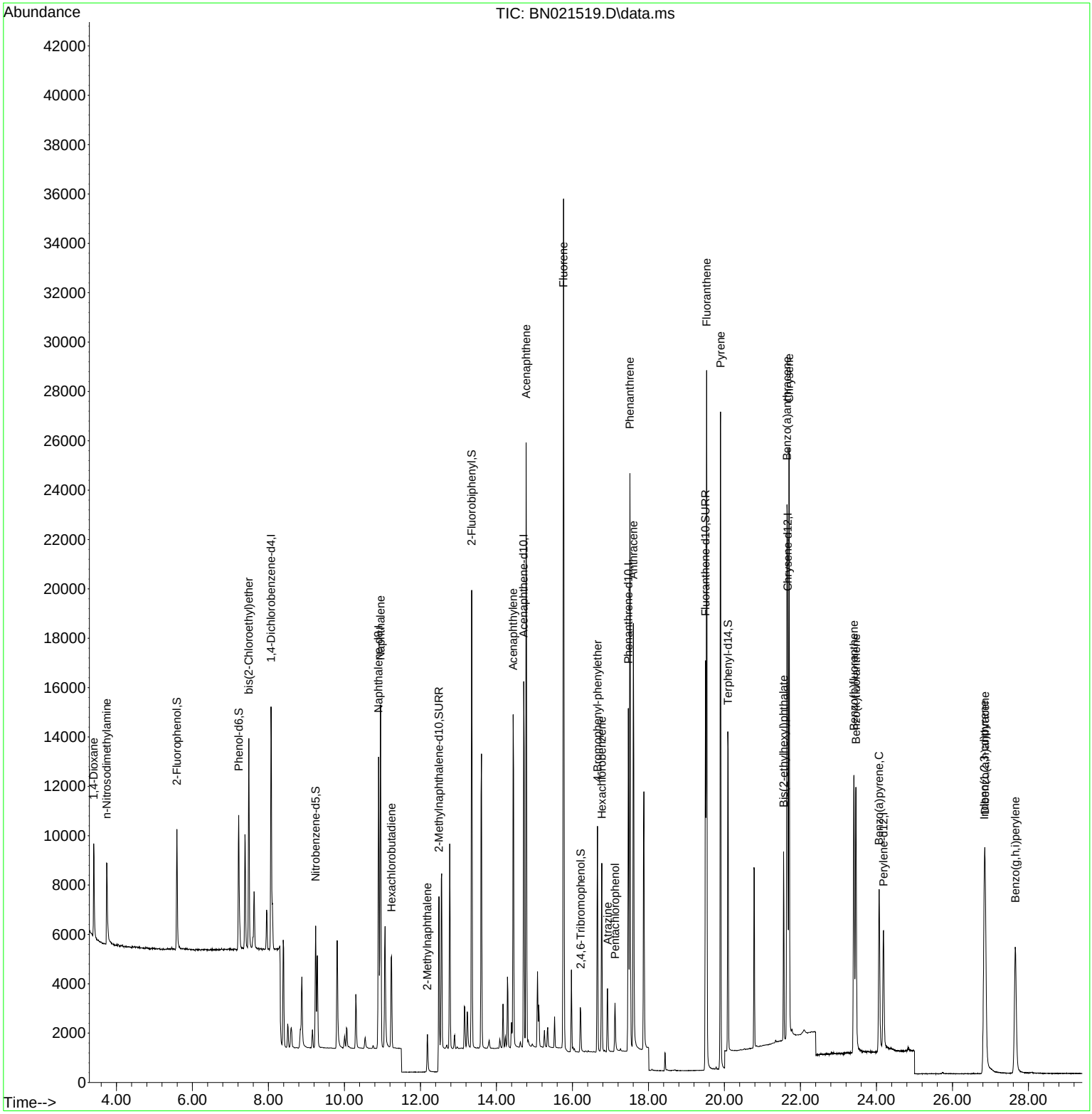
(#) = qualifier out of range (m) = manual integration (+) = signals summed

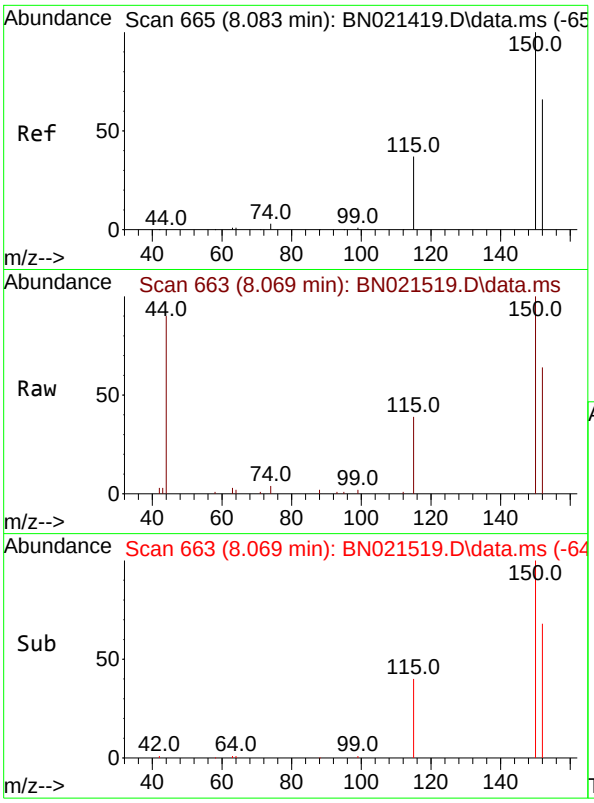
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021519.D
Acq On : 01 Sep 2022 09:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 02 00:55:38 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



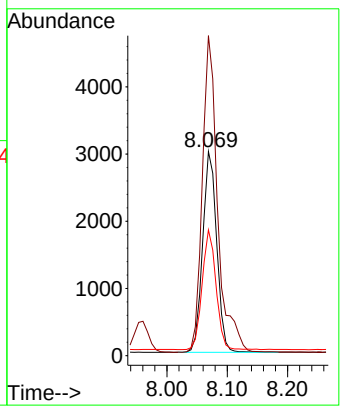


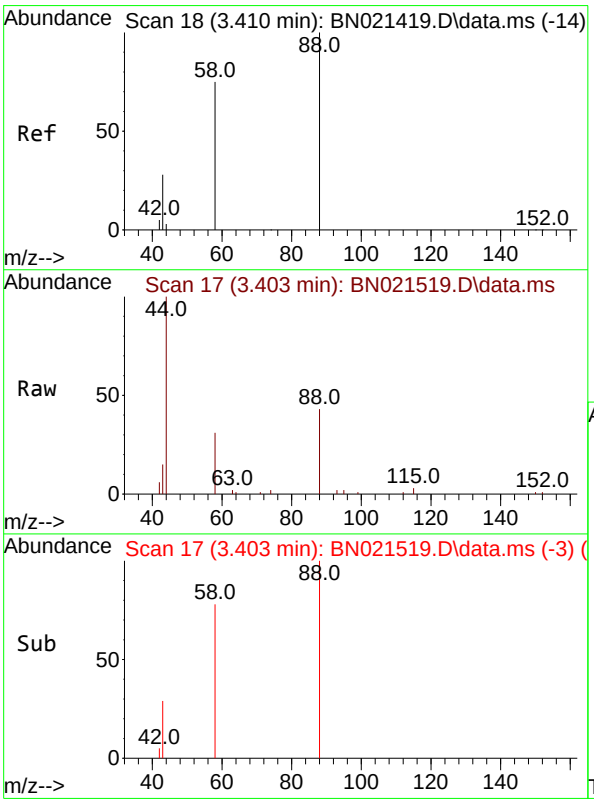
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4835

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.4	182.0
115	61.6	48.6	72.8

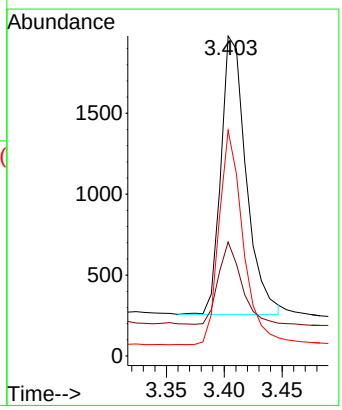


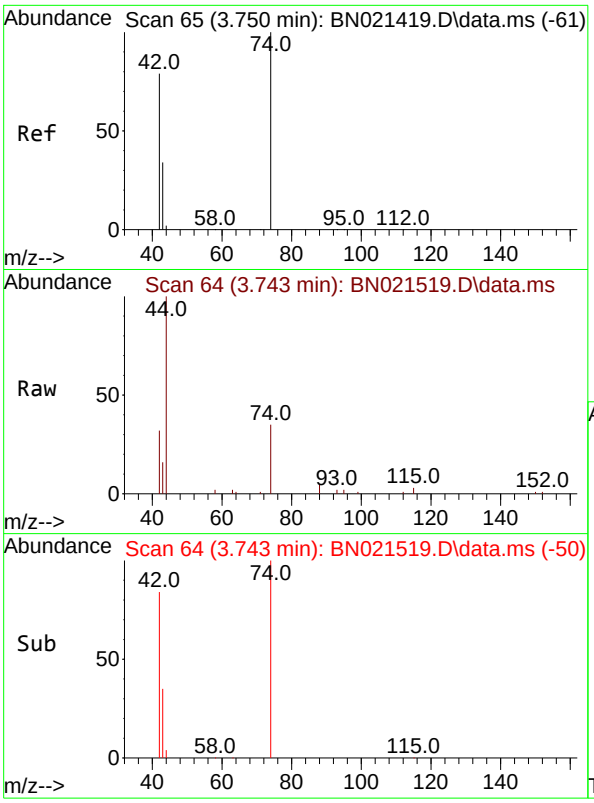


#2
1,4-Dioxane
Concen: 0.430 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion: 88 Resp: 2602

Ion	Ratio	Lower	Upper
88	100		
43	27.2	35.8	53.8#
58	73.3	57.1	85.7



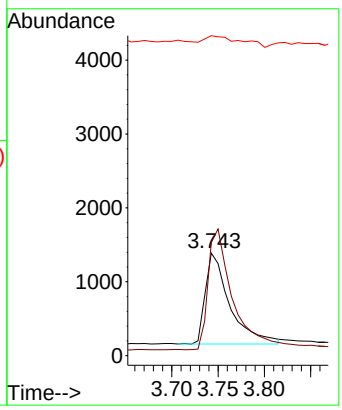


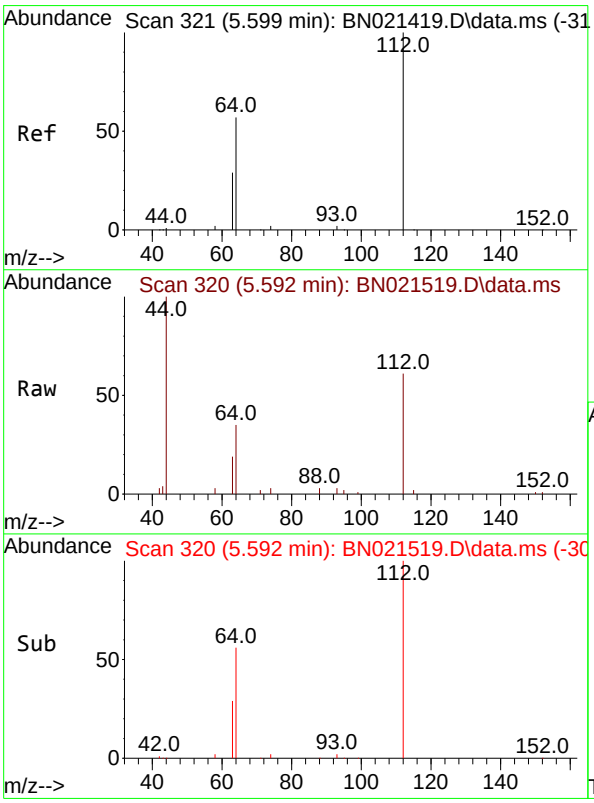
#3
n-Nitrosodimethylamine
Concen: 0.416 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2269

Ion	Ratio	Lower	Upper
42	100		
74	133.2	113.0	169.6
44	18.4	10.5	15.7#

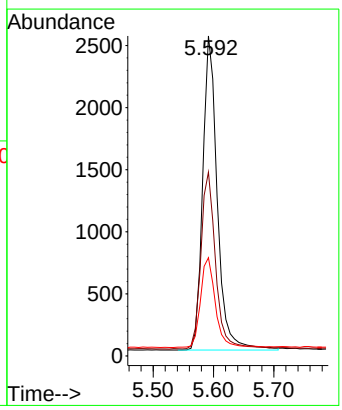


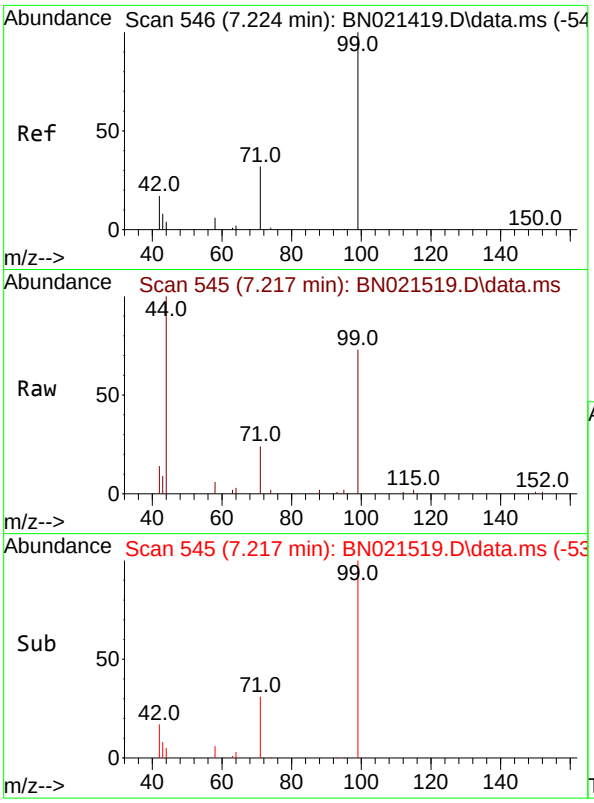


#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:112 Resp: 4256

Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.5	65.3
63	29.1	22.6	34.0



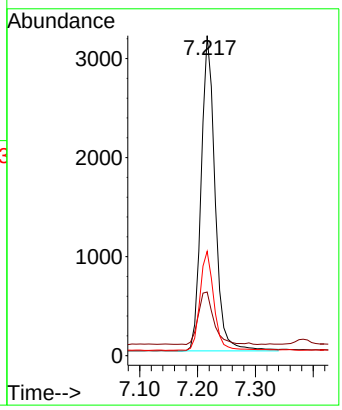


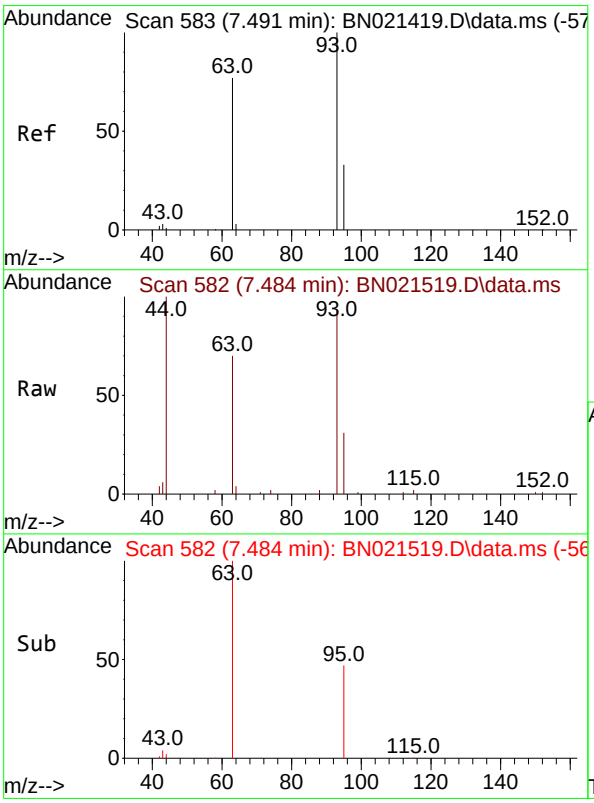
#5
Phenol-d6
Concen: 0.442 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5333

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.5	23.3
71	31.6	24.2	36.2

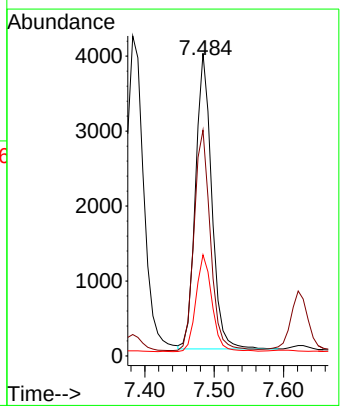


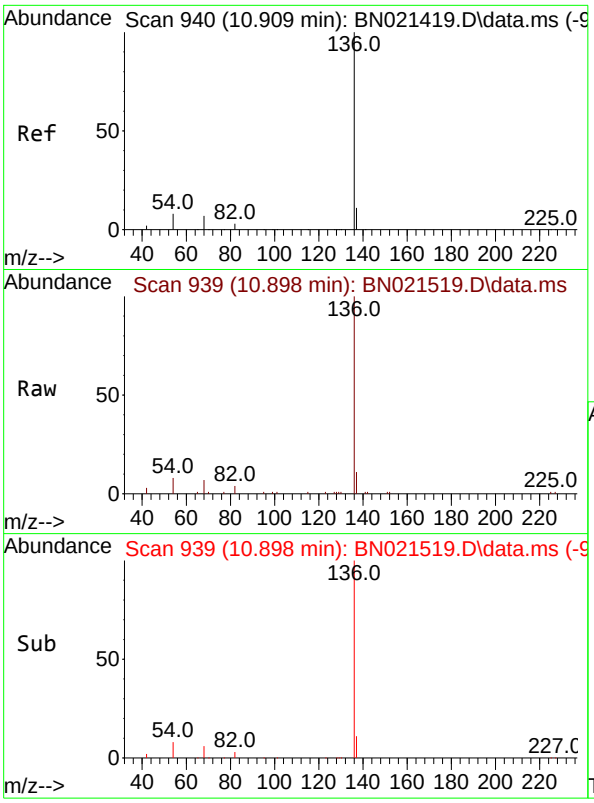


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.484 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion: 93 Resp: 6375

Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.8	86.8
95	32.7	25.9	38.9



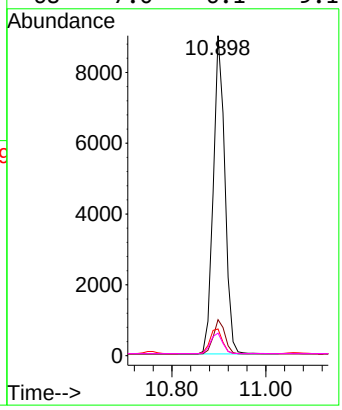


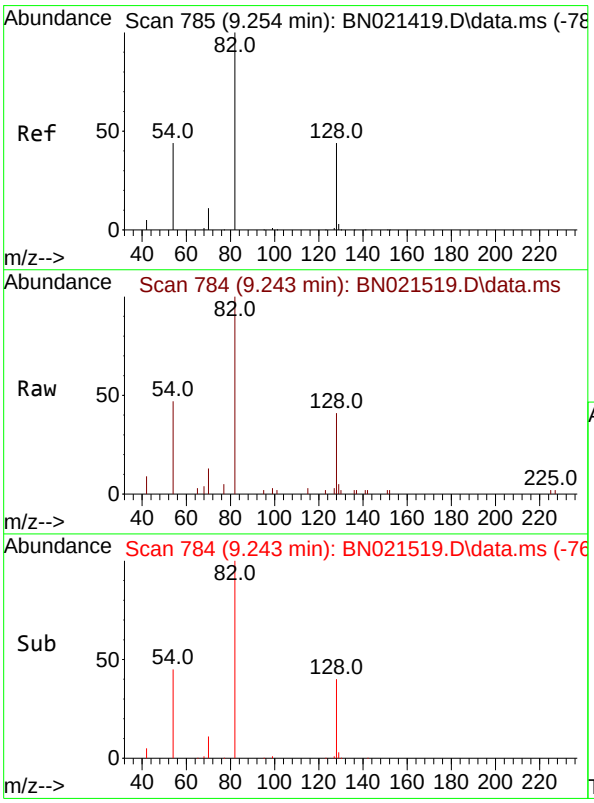
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15390

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.4	6.9	10.3
68	7.0	6.1	9.1

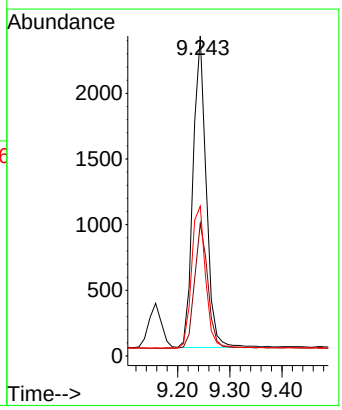


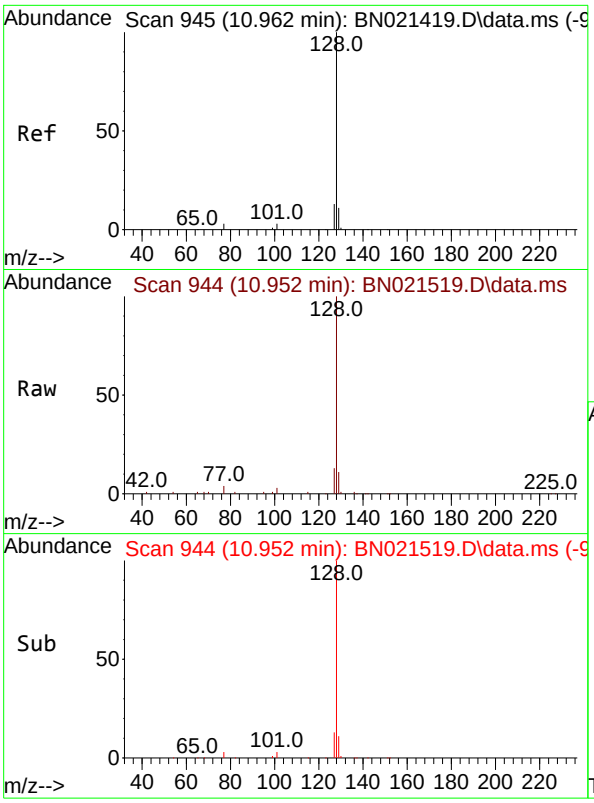


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion: 82 Resp: 4168

Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.9	46.3
54	46.8	42.7	64.1



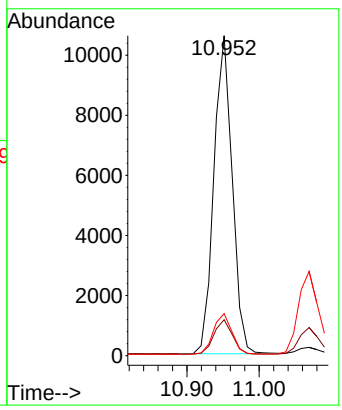


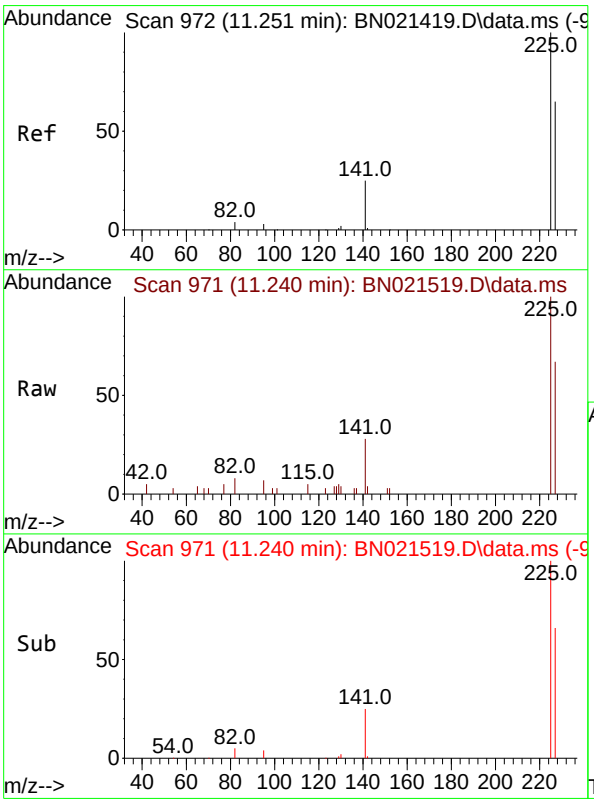
#9
Naphthalene
Concen: 0.409 ng
RT: 10.952 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18634

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.1	11.0	16.4

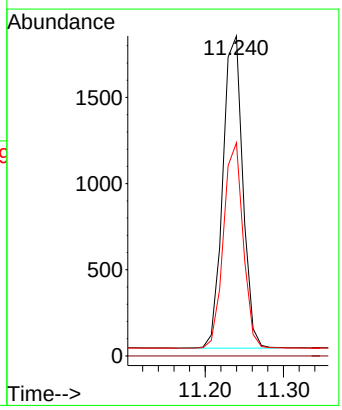


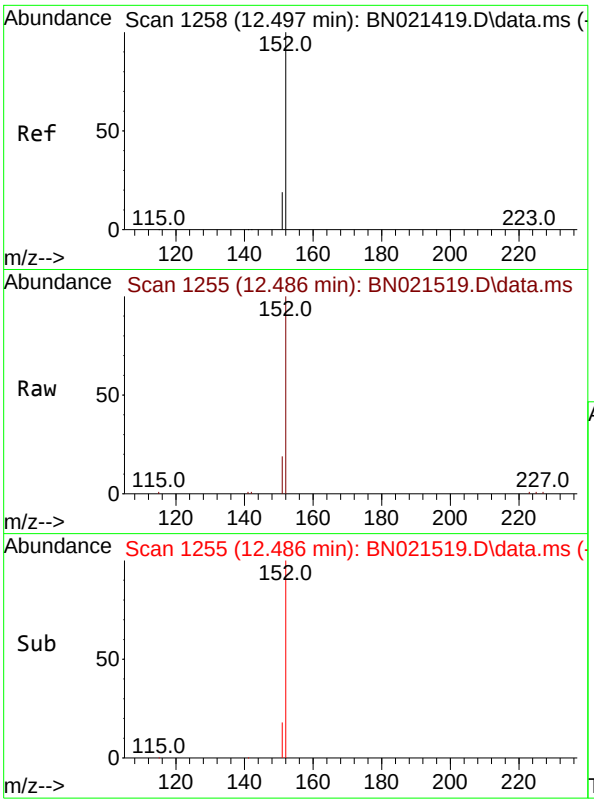


#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 11.240 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:225 Resp: 3218

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.2	76.8



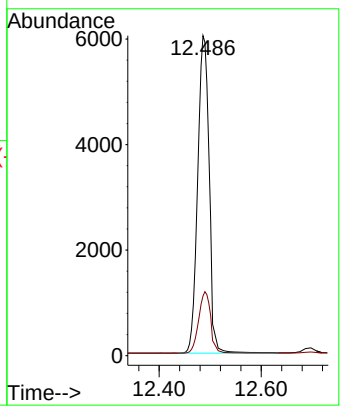


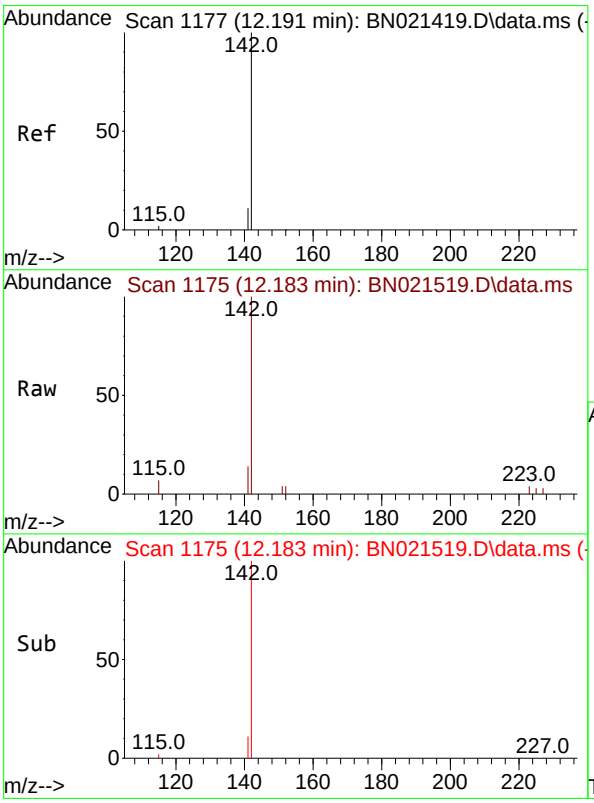
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 15894

Ion	Ratio	Lower	Upper
152	100		
151	18.0	14.5	21.7

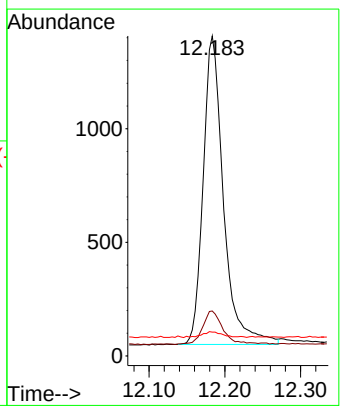


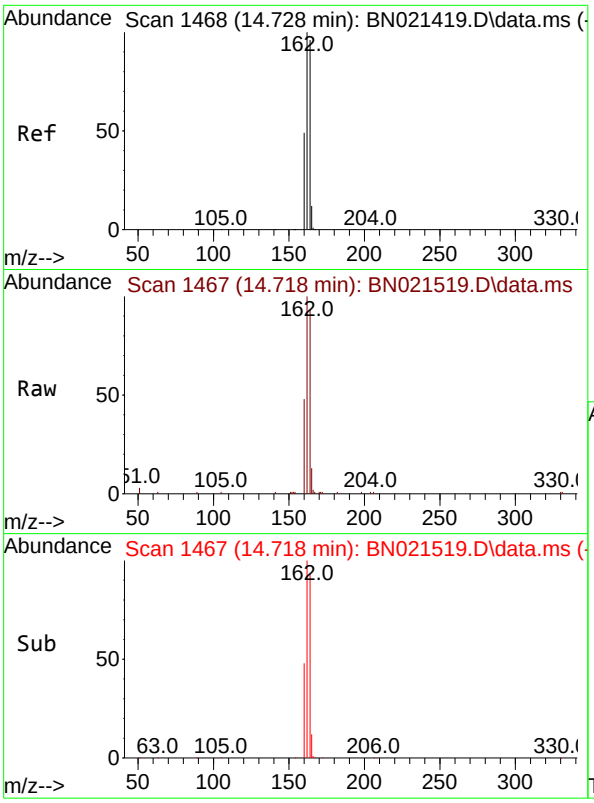


#12
2-Methylnaphthalene
Concen: 0.460 ng
RT: 12.183 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:142 Resp: 2528

Ion	Ratio	Lower	Upper
142	100		
141	14.1	12.2	18.2
115	7.5	7.9	11.9#



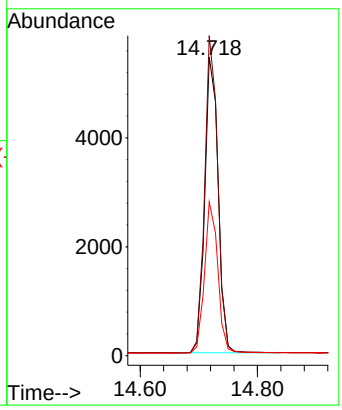


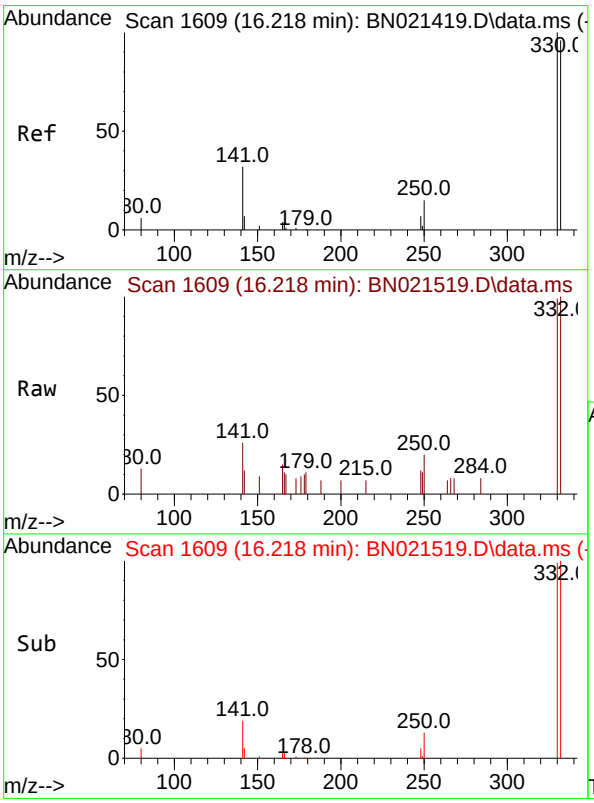
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8662

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.2	123.4
160	51.5	39.5	59.3

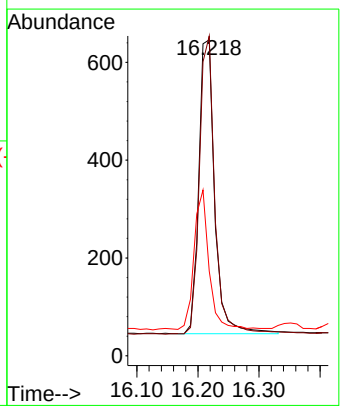


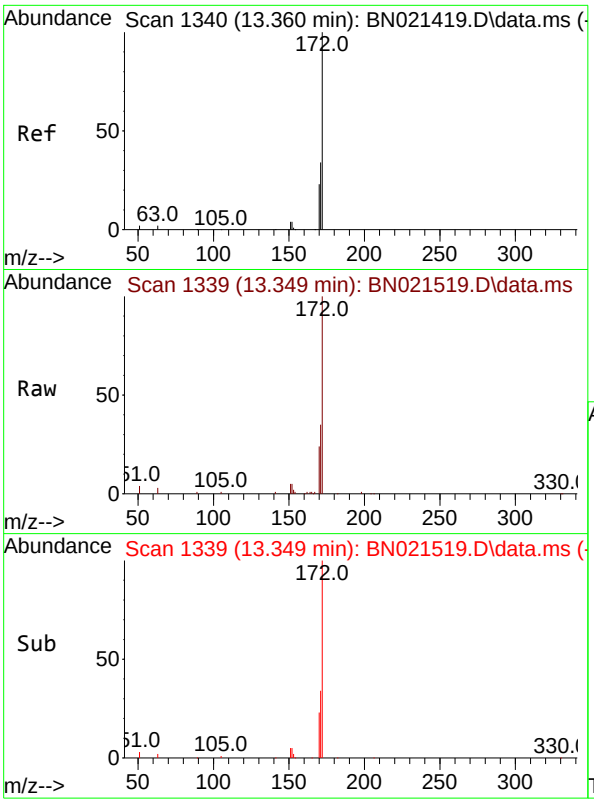


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:330 Resp: 1092

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.3	118.9
141	43.6	37.1	55.7



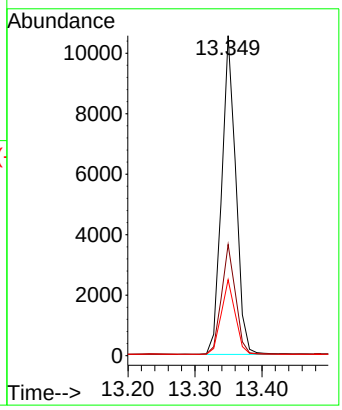


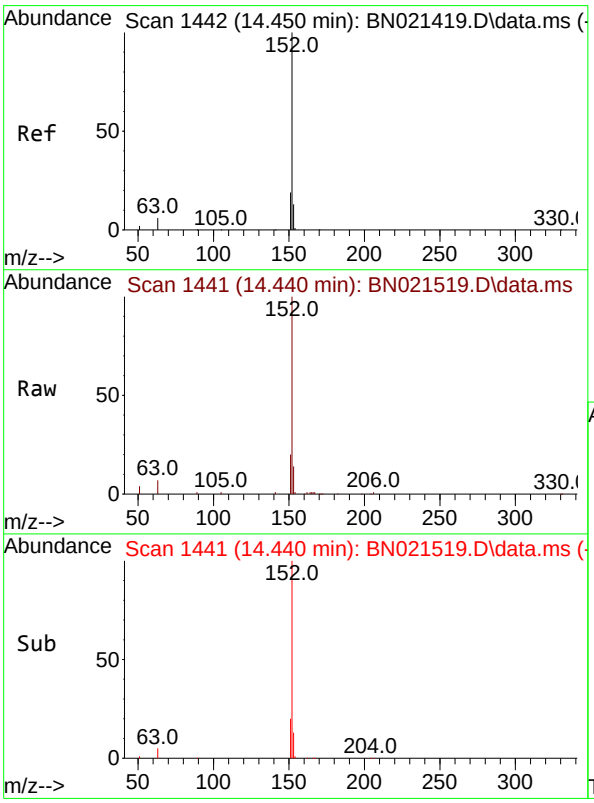
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15513

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.8	18.6	28.0

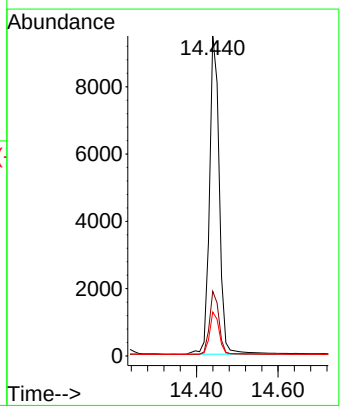


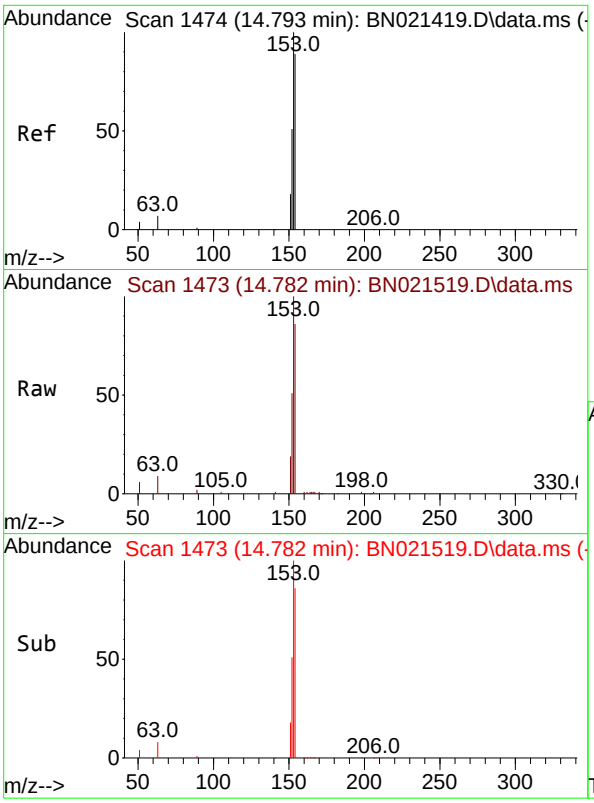


#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:152 Resp: 15874

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.0	10.3	15.5



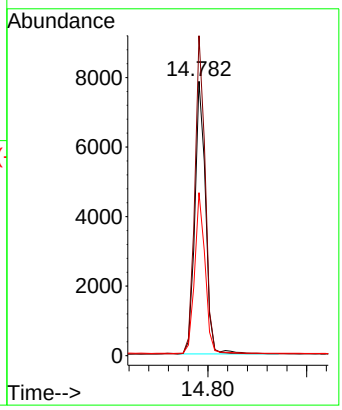


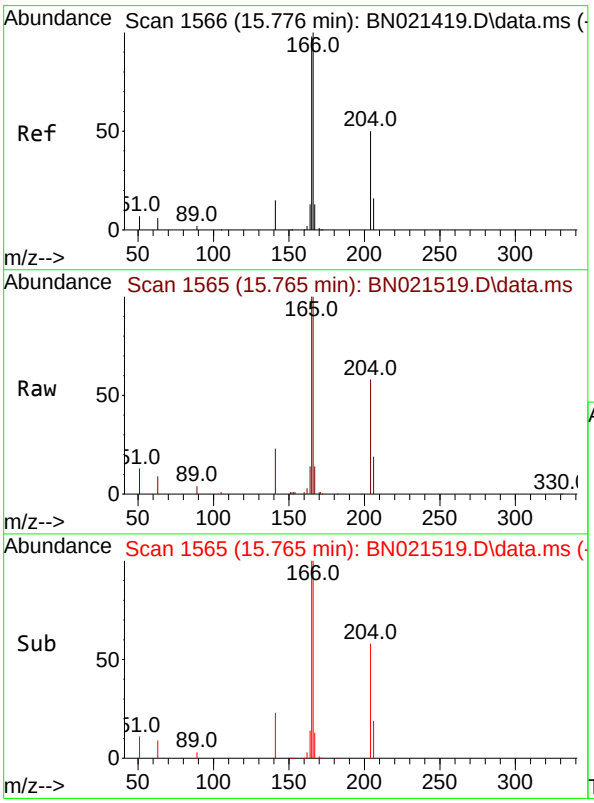
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.782 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11796

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.5	134.3
152	57.8	45.5	68.3

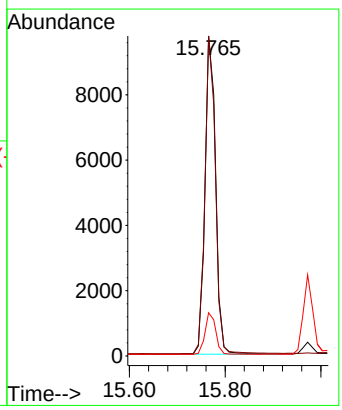


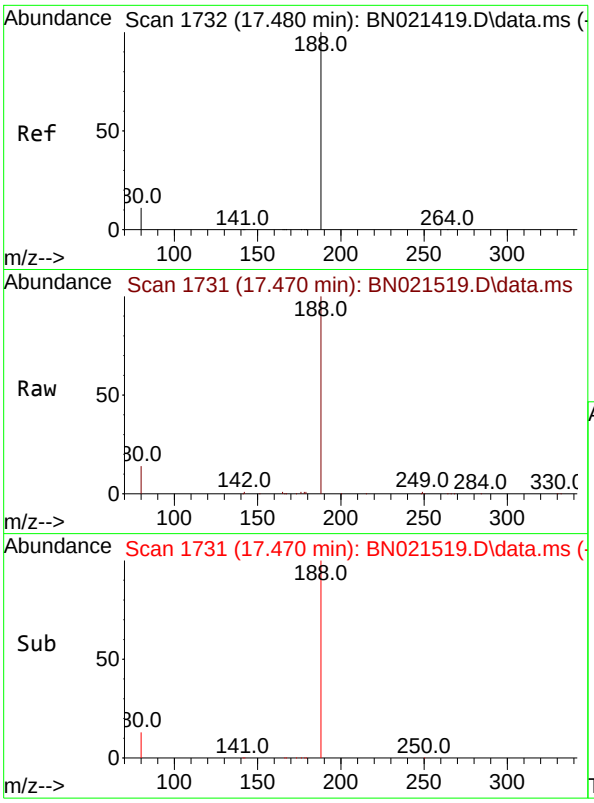


#18
Fluorene
Concen: 0.416 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:166 Resp: 14687

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.7	118.1
167	13.3	10.6	16.0



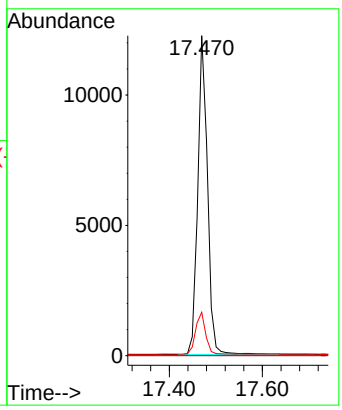


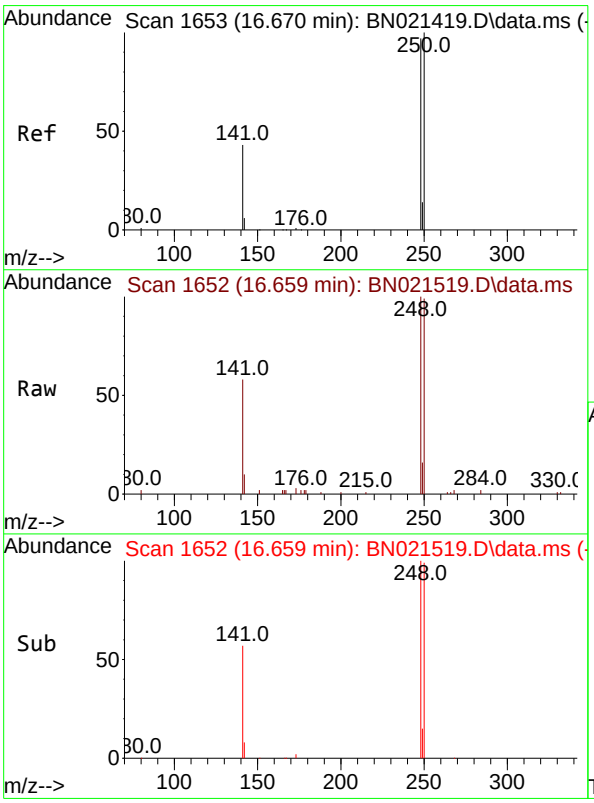
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17805

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	9.5	14.3

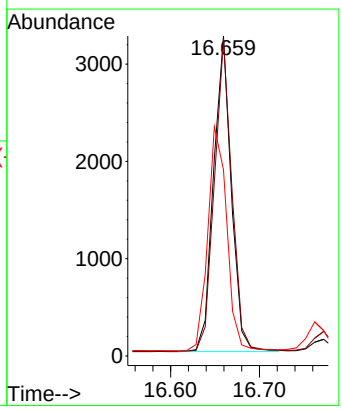


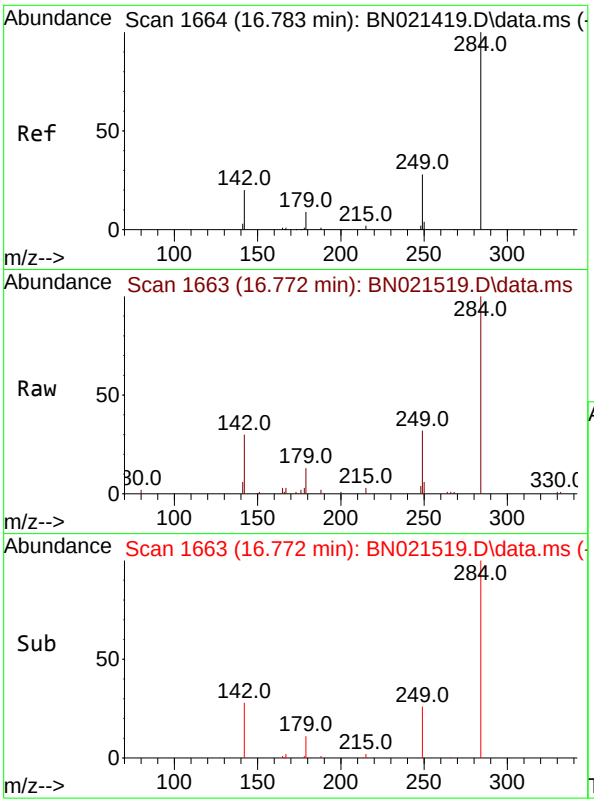


#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.659 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:248 Resp: 4488

Ion	Ratio	Lower	Upper
248	100		
250	99.1	81.8	122.6
141	58.2	38.5	57.7#



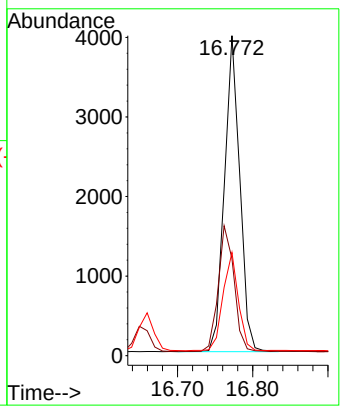


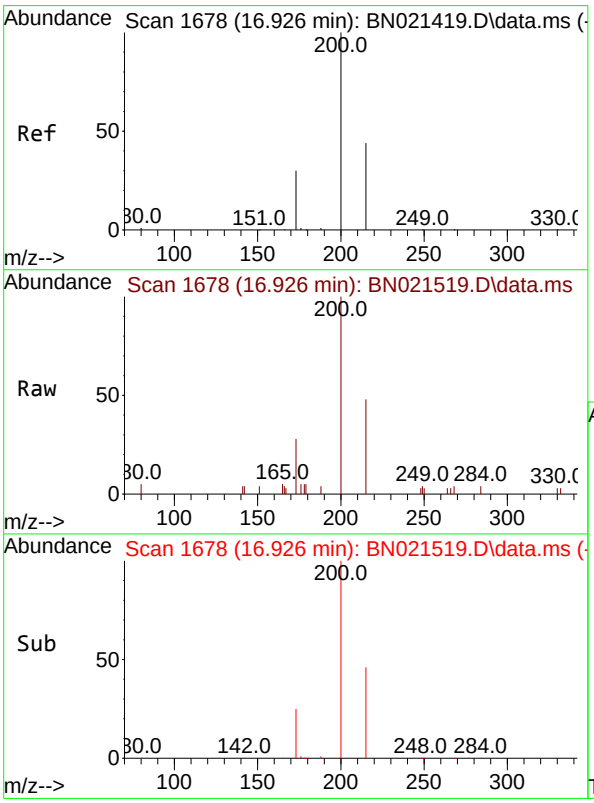
#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.772 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5612

Ion	Ratio	Lower	Upper
284	100		
142	40.7	32.3	48.5
249	31.2	25.4	38.2

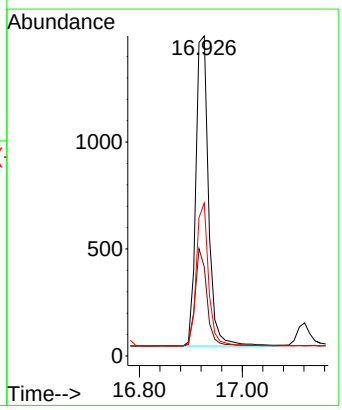


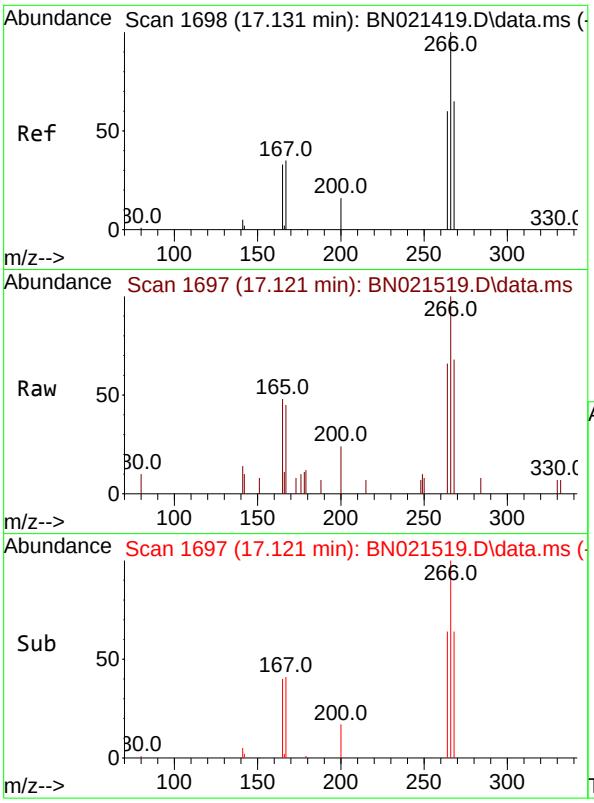


#23
Atrazine
Concen: 0.383 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:200 Resp: 2489

Ion	Ratio	Lower	Upper
200	100		
173	27.8	24.3	36.5
215	47.8	38.4	57.6



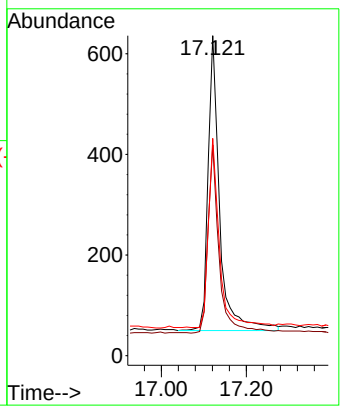


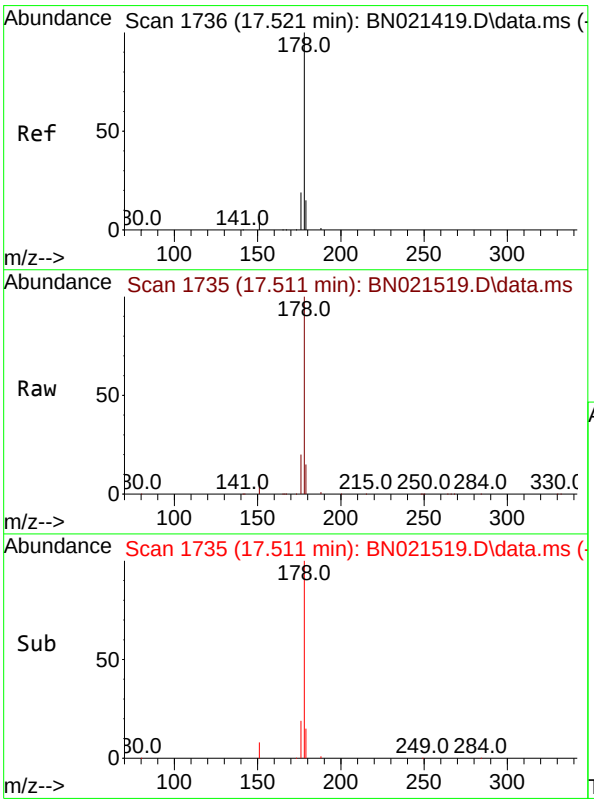
#24
Pentachlorophenol
Concen: 0.473 ng
RT: 17.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1108

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.0	73.6
268	61.7	50.9	76.3

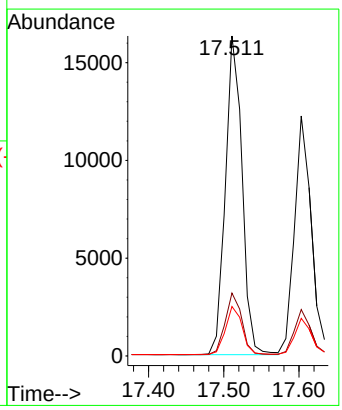


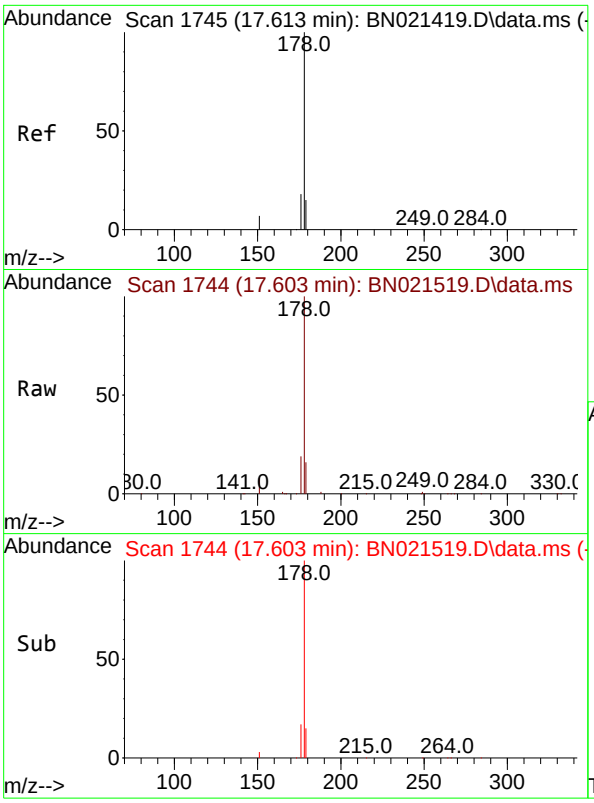


#25
Phenanthrene
Concen: 0.408 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:178 Resp: 25092

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.2	18.4



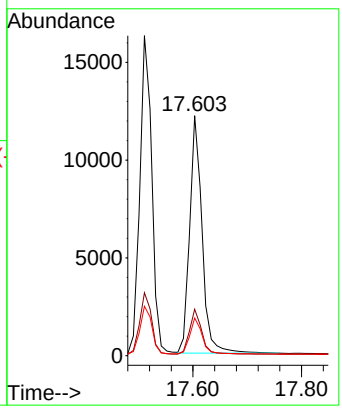


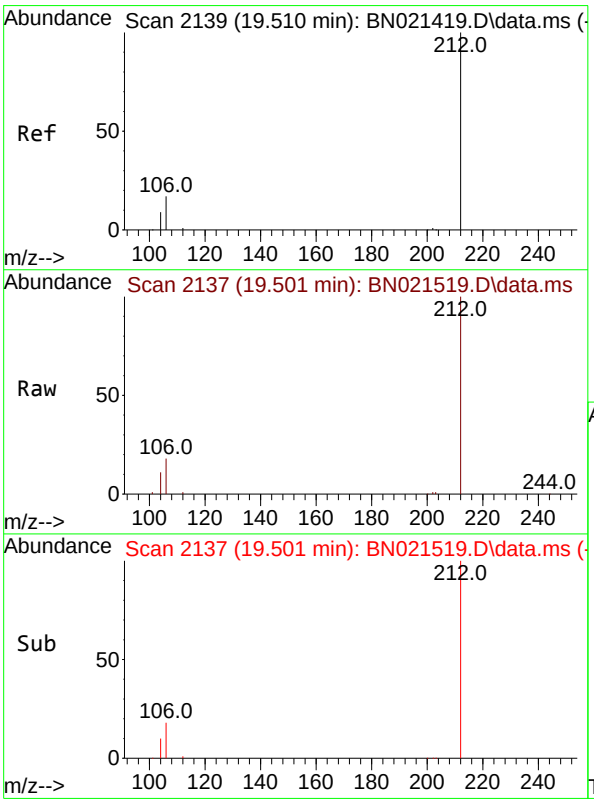
#26
Anthracene
Concen: 0.396 ng
RT: 17.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 19310

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.1	12.2	18.2

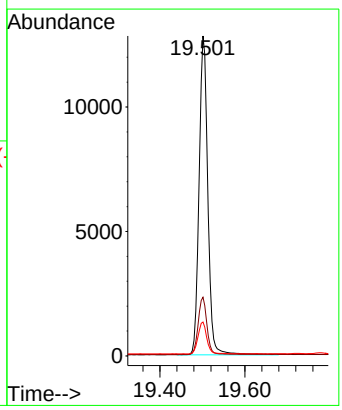


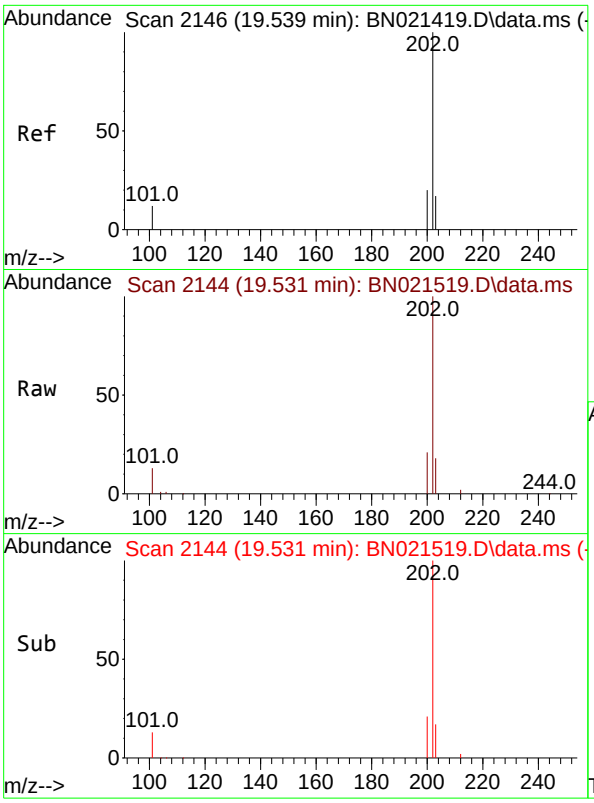


#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:212 Resp: 18286

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



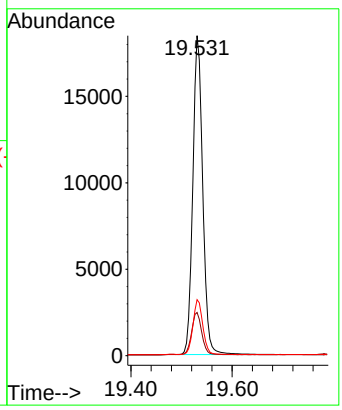


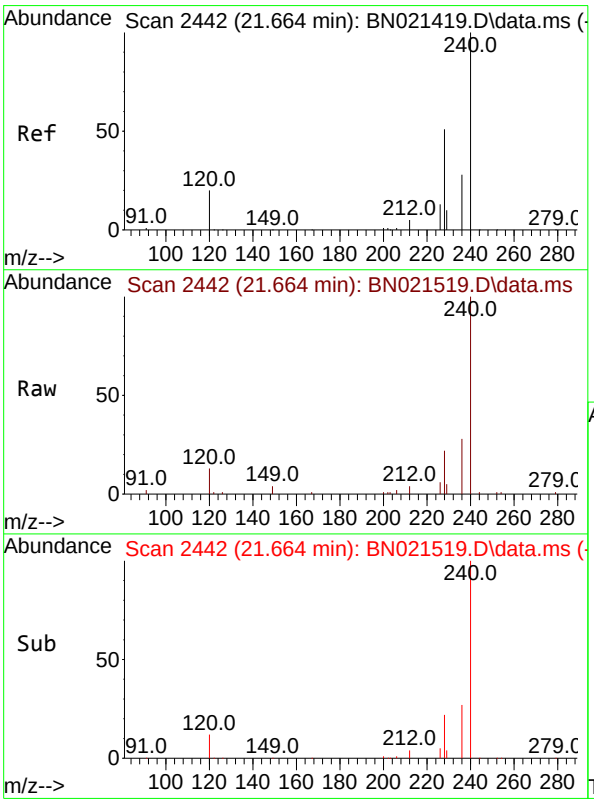
#28
Fluoranthene
Concen: 0.393 ng
RT: 19.531 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25091

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	17.1	13.8	20.6

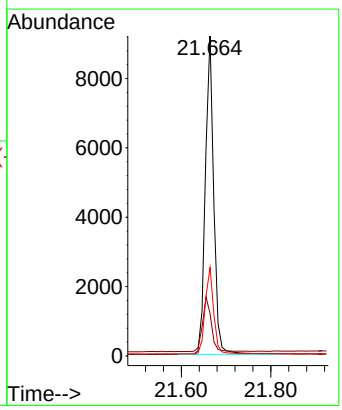


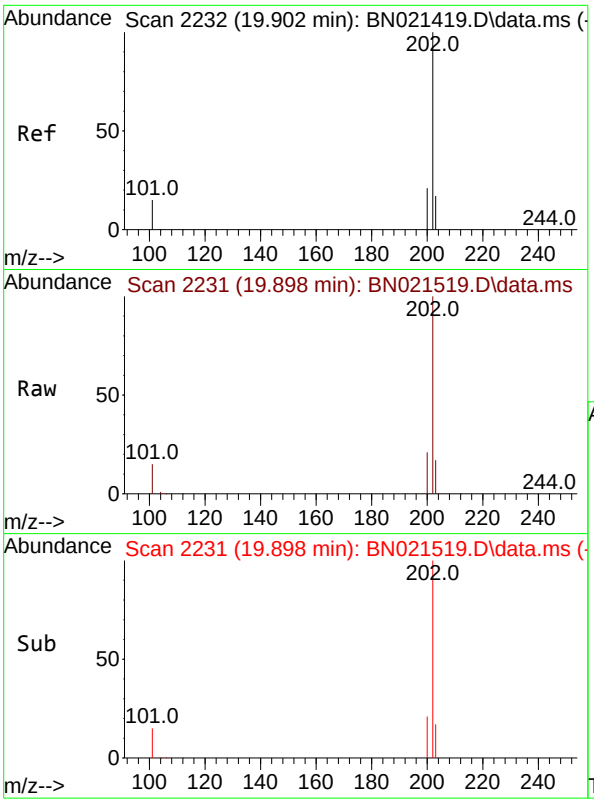


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:240 Resp: 11975

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.2	15.4
236	27.7	22.1	33.1



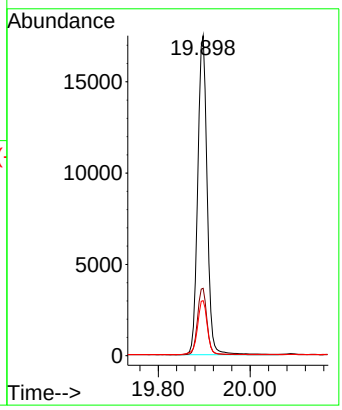


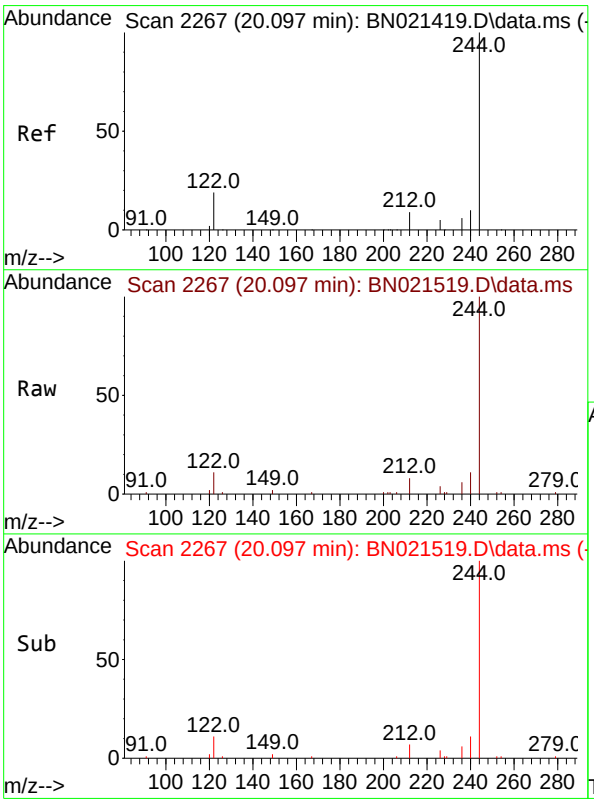
#30
Pyrene
Concen: 0.443 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 28285

Ion	Ratio	Lower	Upper
202	100		
200	18.2	13.9	20.9
203	15.3	11.9	17.9

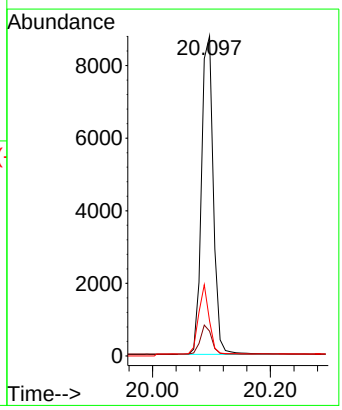


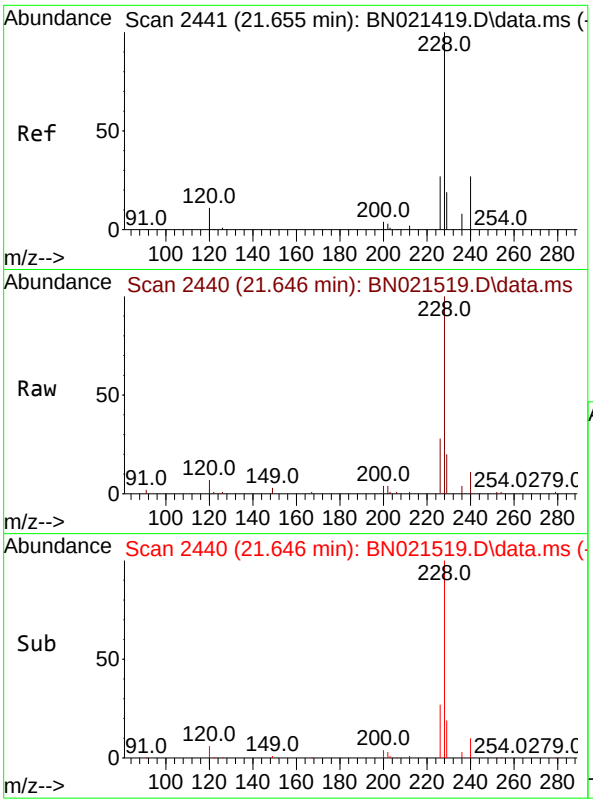


#31
Terphenyl-d14
Concen: 0.454 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:244 Resp: 12221

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.9	9.1	13.7



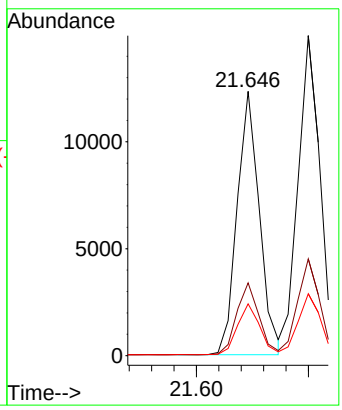


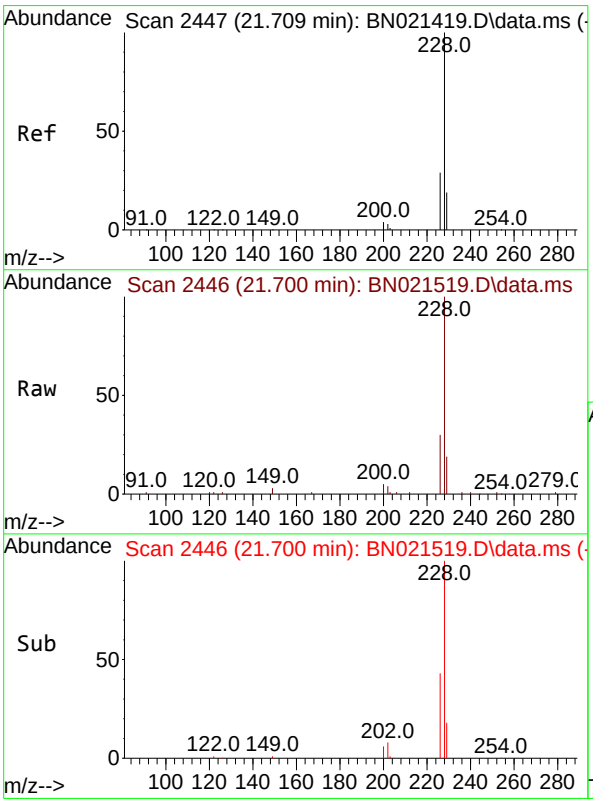
#32
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.646 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17046

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.6	15.9	23.9

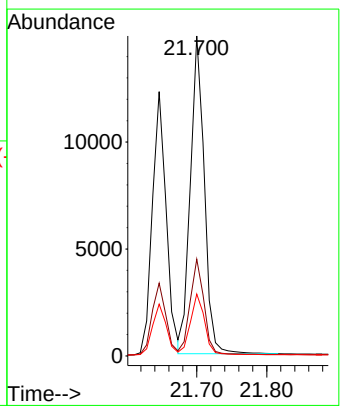


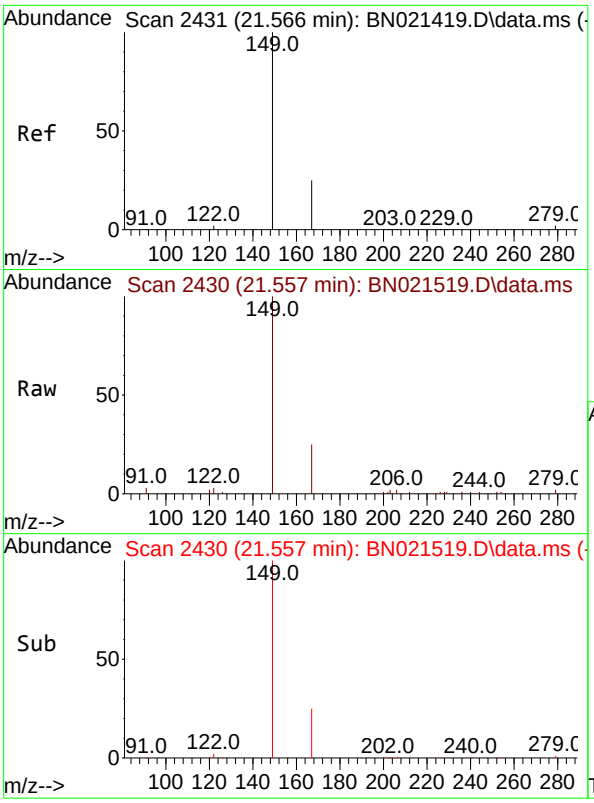


#33
Chrysene
Concen: 0.414 ng
RT: 21.700 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:228 Resp: 20591

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.3	15.9	23.9



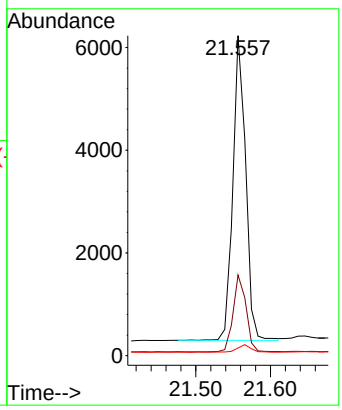


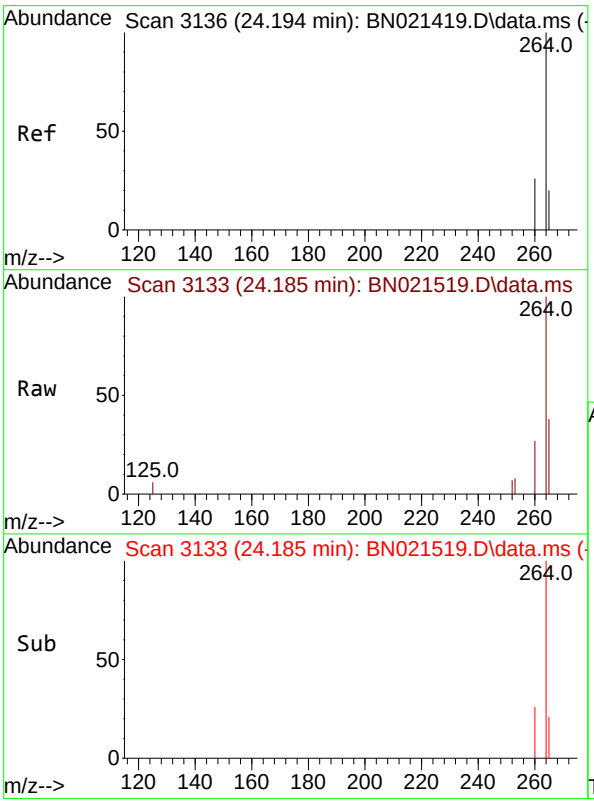
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.419 ng
RT: 21.557 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 7034

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.4	32.0
279	2.8	2.2	3.2

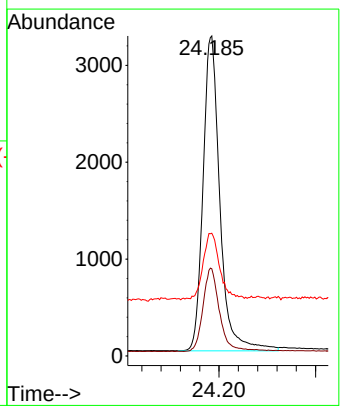


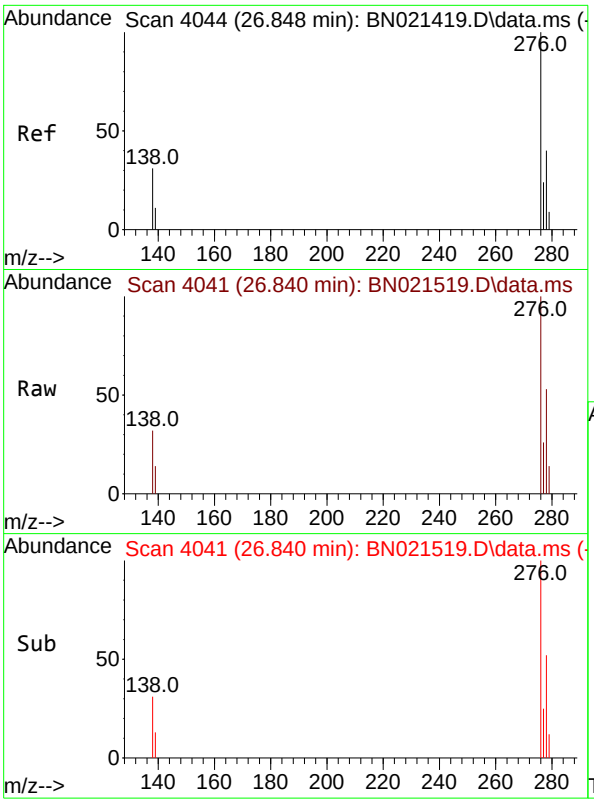


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.185 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:264 Resp: 7881

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	38.4	32.2	48.2



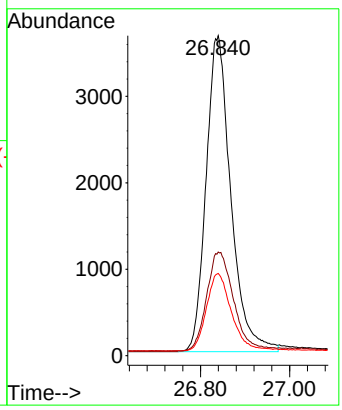


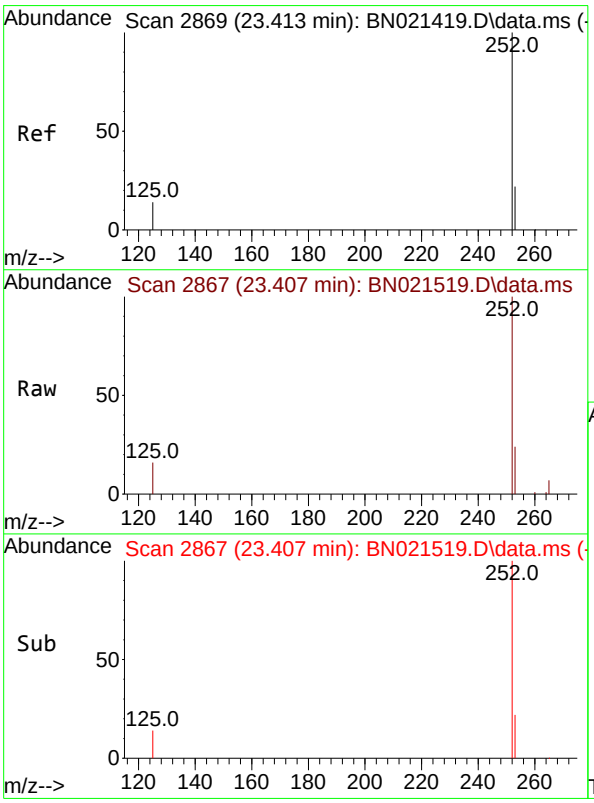
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.840 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14088

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.4	41.2
277	25.0	19.9	29.9

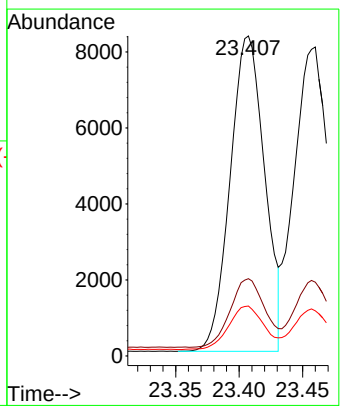


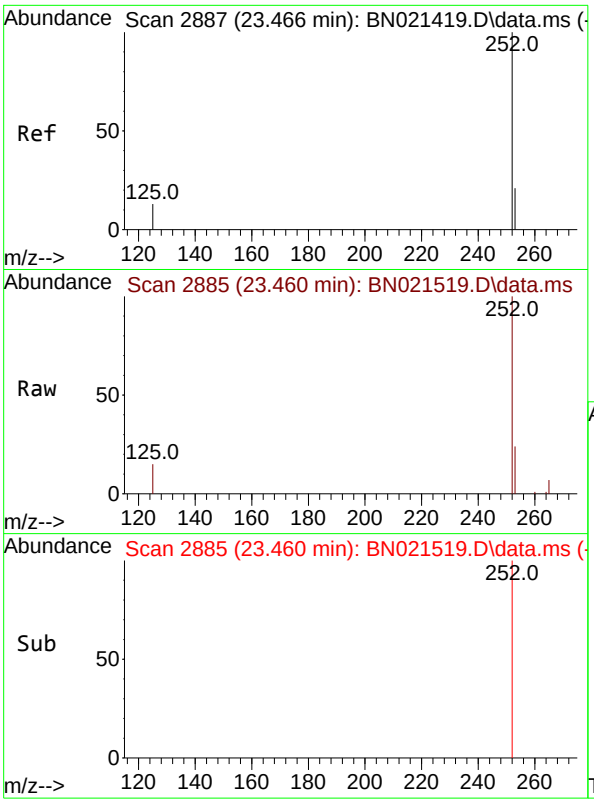


#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.407 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:252 Resp: 15668

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.6
125	15.6	13.7	20.5



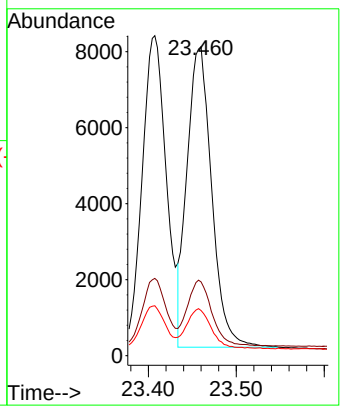


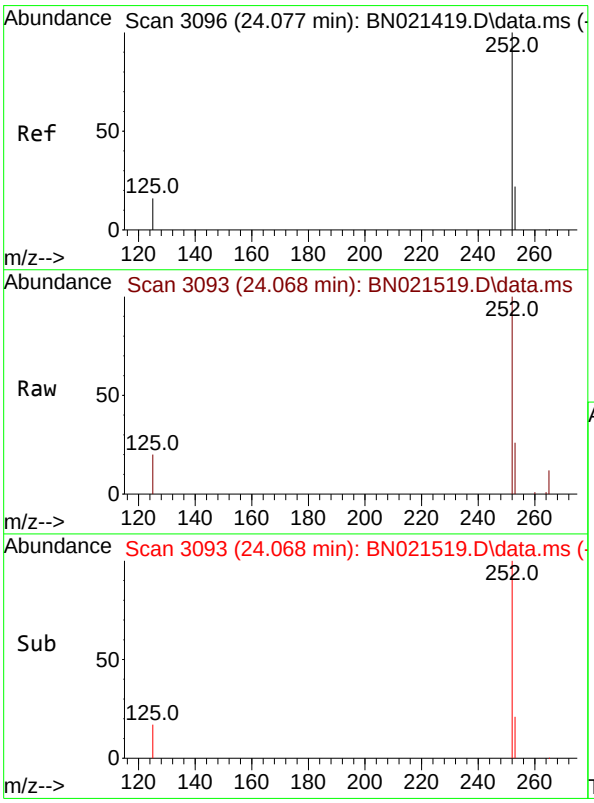
#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 15445

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.5	29.3
125	14.6	12.3	18.5

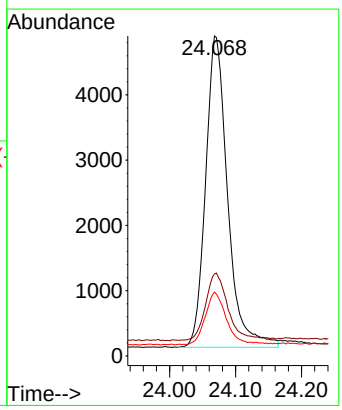


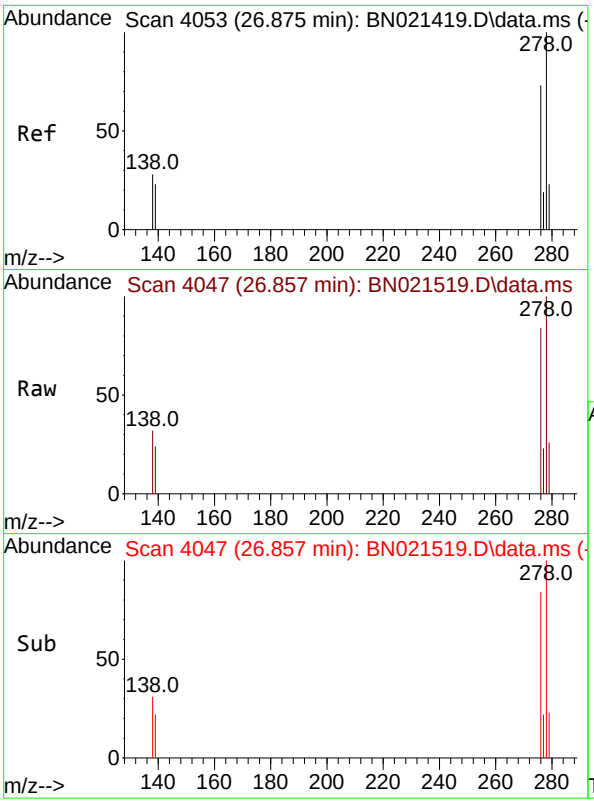


#39
Benzo(a)pyrene
Concen: 0.409 ng
RT: 24.068 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:252 Resp: 11079

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.1	31.7
125	20.0	16.6	25.0



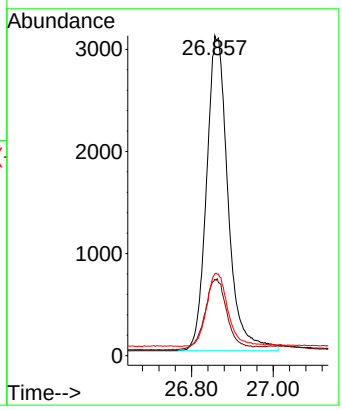


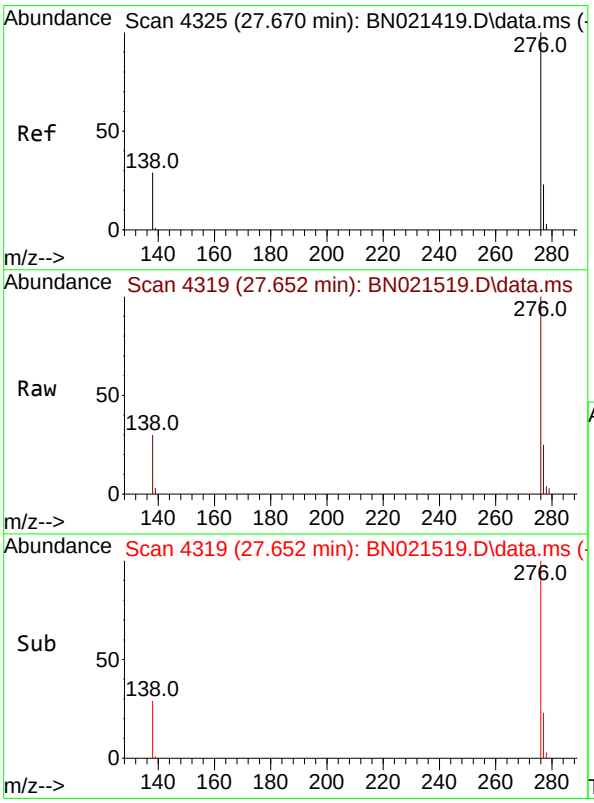
#40
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.857 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 11255

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.8	32.6
279	25.6	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.652 min Scan# 4319
Delta R.T. 0.000 min
Lab File: BN021519.D
Acq: 01 Sep 2022 09:57

Tgt Ion:276 Resp: 12237

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	30.2	23.7	35.5