Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021528.D
Acq On : 01 Sep 2022 16:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 02 00:58:37 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	5593	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17607	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9749	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19614	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12399	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	8361	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4829	0.441	ng	0.00
5) Phenol-d6	7.217	99	6044	0.433	ng	0.00
8) Nitrobenzene-d5	9.243	82	4732	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	18301	0.461	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1191	0.372	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	17578	0.412	ng	0.00
27) Fluoranthene-d10	19.501	212	19494	0.387	ng	0.00
31) Terphenyl-d14	20.097	244	13136	0.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	2926	0.418	ng	# 87
3) n-Nitrosodimethylamine	3.743	42	2640	0.419	ng	93
6) bis(2-Chloroethyl)ether	7.484	93	7356	0.419	ng	97
9) Naphthalene	10.952	128	21471	0.412	ng	99
10) Hexachlorobutadiene	11.240	225	3661	0.406	ng	# 100
12) 2-Methylnaphthalene	12.184	142	2906	0.461	ng	# 94
16) Acenaphthylene	14.440	152	17995	0.393	ng	100
17) Acenaphthene	14.782	154	13252	0.411	ng	100
18) Fluorene	15.765	166	16461	0.414	ng	100
21) 4-Bromophenyl-phenylether	16.660	248	4969	0.405	ng	# 94
22) Hexachlorobenzene	16.772	284	6222	0.415	ng	99
23) Atrazine	16.926	200	2730	0.381	ng	97
24) Pentachlorophenol	17.121	266	1186	0.466	ng	98
25) Phenanthrene	17.511	178	27517	0.406	ng	100
26) Anthracene	17.603	178	21148	0.393	ng	99
28) Fluoranthene	19.531	202	27241	0.387	ng	100
30) Pyrene	19.898	202	30255	0.458	ng	97
32) Benzo(a)anthracene	21.646	228	17360	0.402	ng	100
33) Chrysene	21.700	228	21752	0.423	ng	99
34) Bis(2-ethylhexyl)phtha...	21.566	149	7302	0.420	ng	98
36) Indeno(1,2,3-cd)pyrene	26.846	276	16507	0.437	ng	100
37) Benzo(b)fluoranthene	23.410	252	16715	0.406	ng	99
38) Benzo(k)fluoranthene	23.463	252	16396	0.395	ng	99
39) Benzo(a)pyrene	24.074	252	12167	0.423	ng	98
40) Dibenzo(a,h)anthracene	26.866	278	13103	0.431	ng	97
41) Benzo(g,h,i)perylene	27.661	276	13582	0.408	ng	99

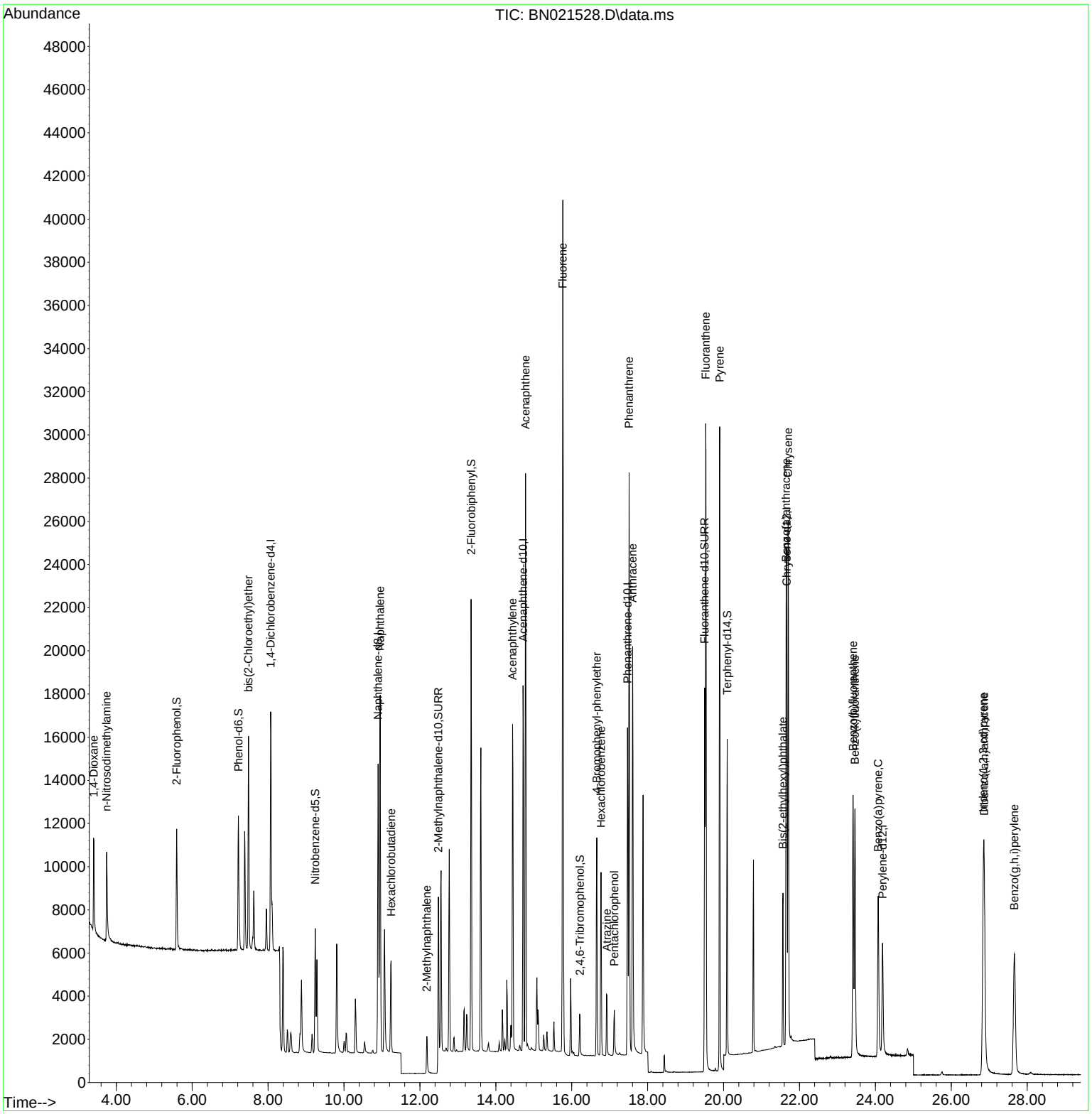
(#) = qualifier out of range (m) = manual integration (+) = signals summed

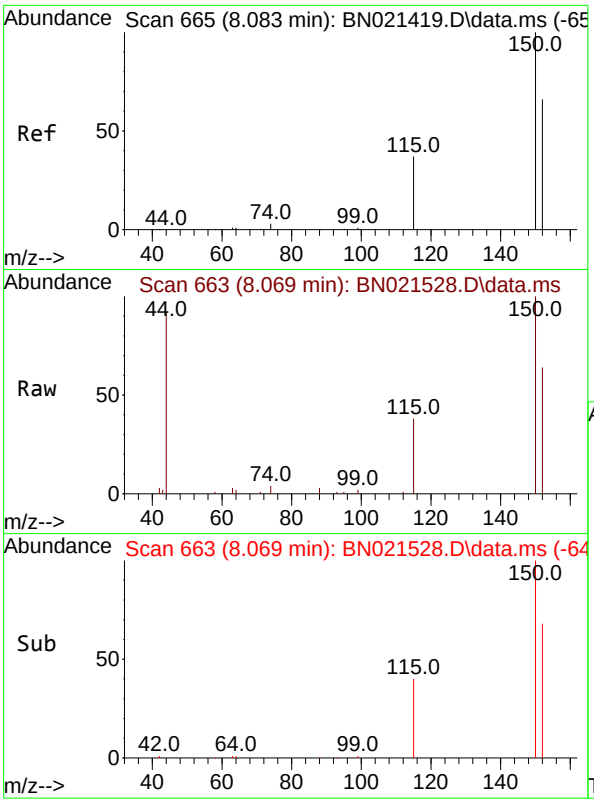
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021528.D
Acq On : 01 Sep 2022 16:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 02 00:58:37 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



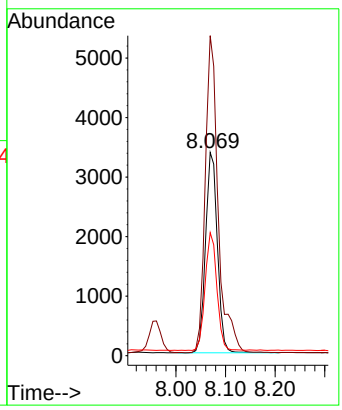


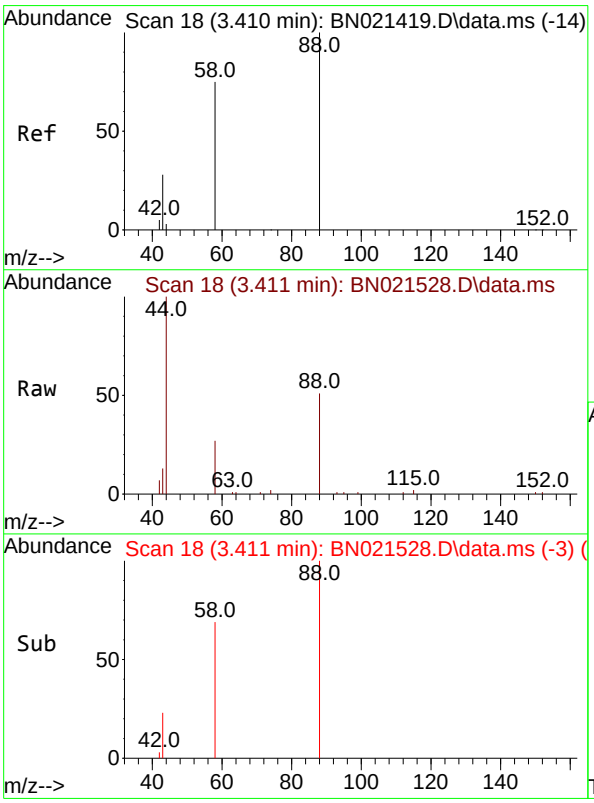
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5593

Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.4	182.0
115	60.5	48.6	72.8

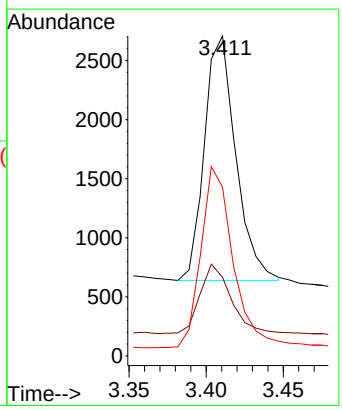


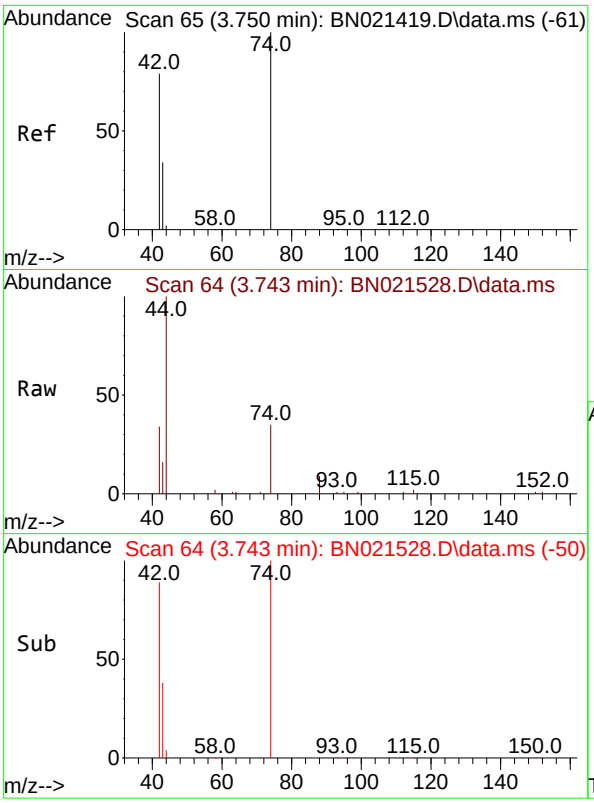


#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.411 min Scan# 18
Delta R.T. 0.007 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion: 88 Resp: 2926

Ion	Ratio	Lower	Upper
88	100		
43	27.9	35.8	53.8#
58	75.5	57.1	85.7



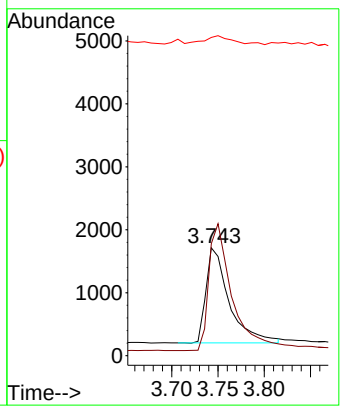


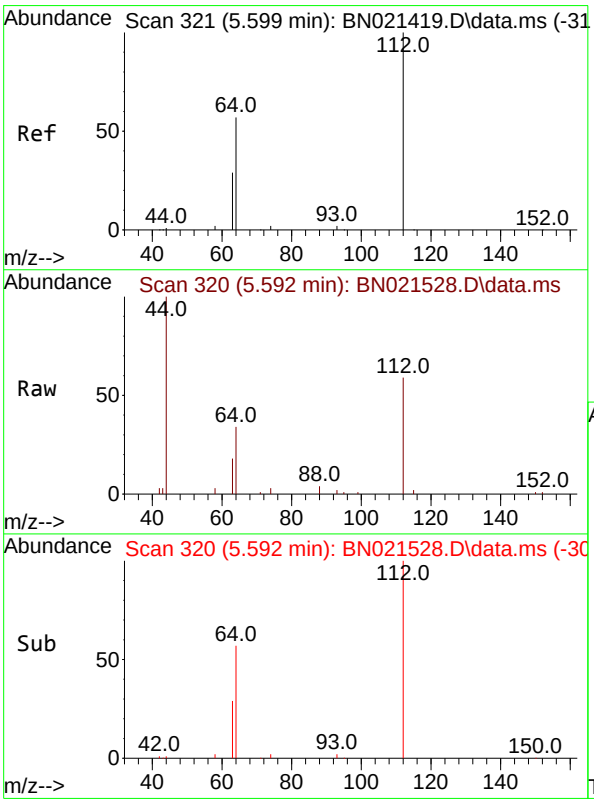
#3
n-Nitrosodimethylamine
Concen: 0.419 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2640

Ion	Ratio	Lower	Upper
42	100		
74	133.3	113.0	169.6
44	10.6	10.5	15.7

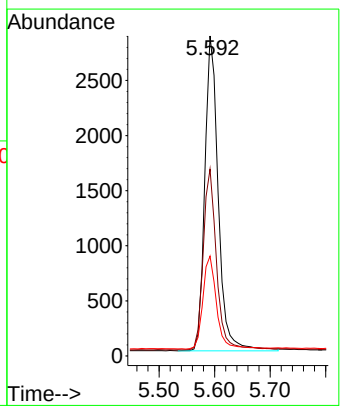


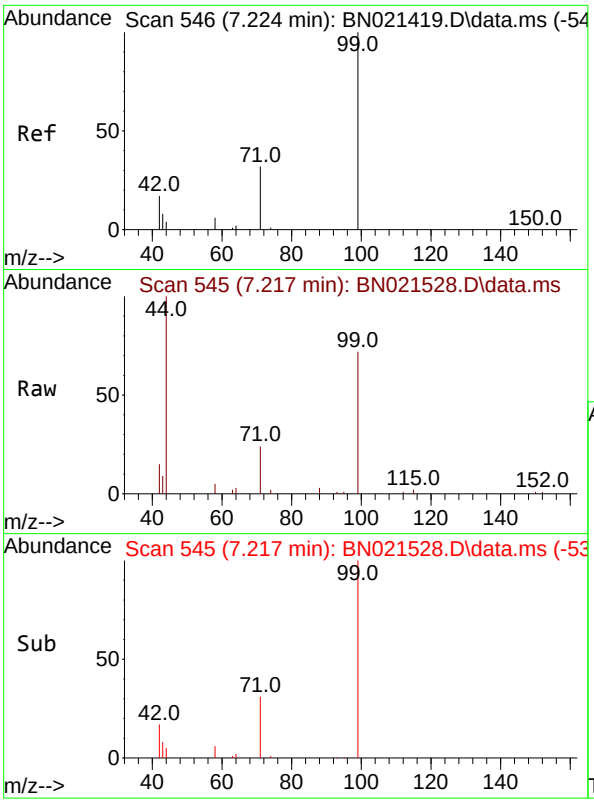


#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:112 Resp: 4829

Ion	Ratio	Lower	Upper
112	100		
64	56.9	43.5	65.3
63	30.1	22.6	34.0



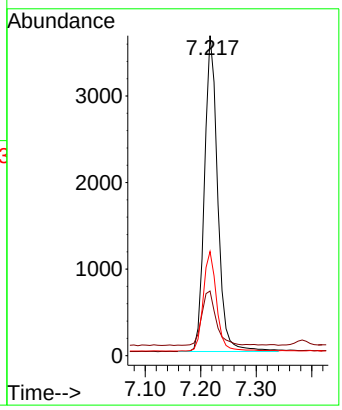


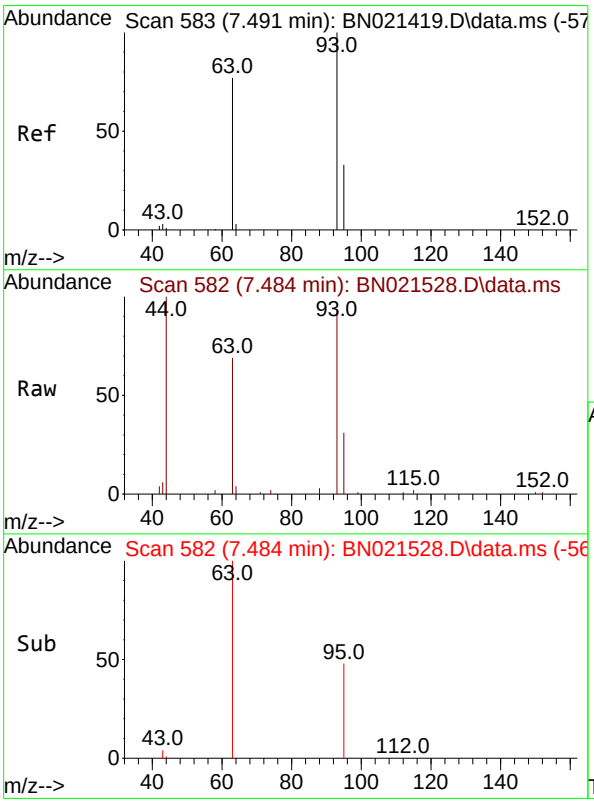
#5
Phenol-d6
Concen: 0.433 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6044

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.5	23.3
71	31.7	24.2	36.2

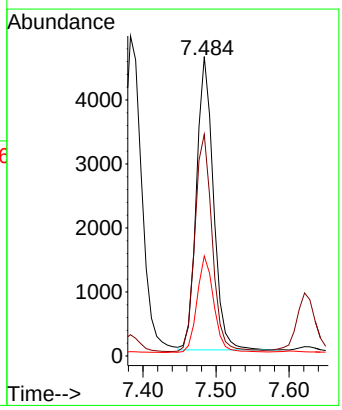


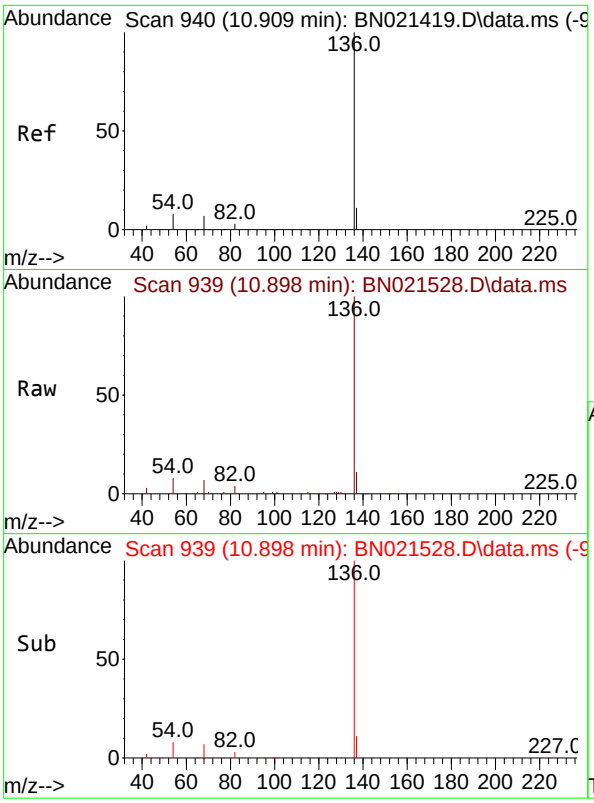


#6
bis(2-Chloroethyl)ether
Concen: 0.419 ng
RT: 7.484 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion: 93 Resp: 7356

Ion	Ratio	Lower	Upper
93	100		
63	75.8	57.8	86.8
95	32.6	25.9	38.9



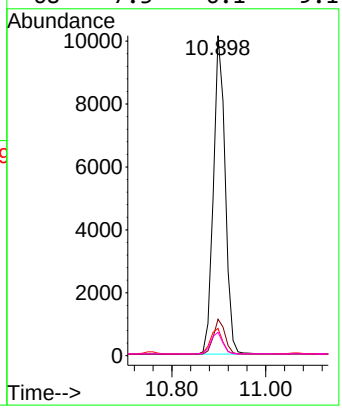


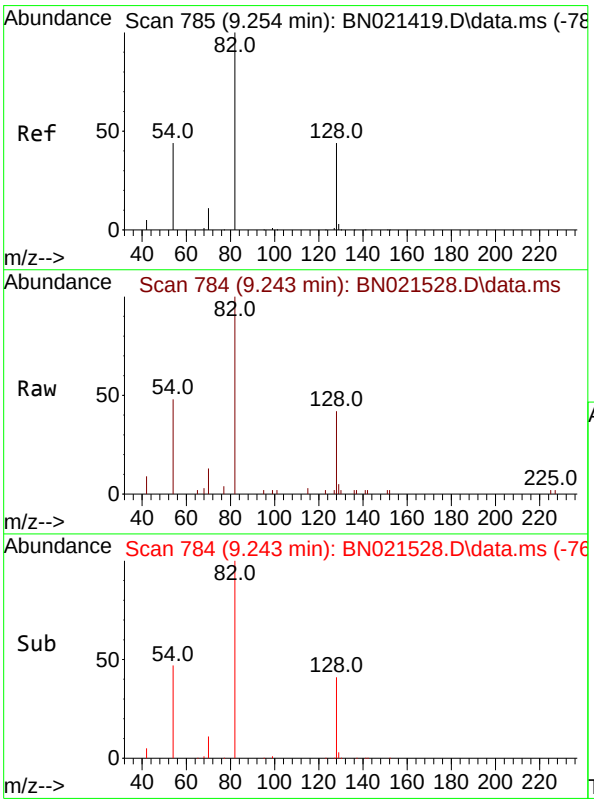
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 17607

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.5	6.9	10.3
68	7.3	6.1	9.1

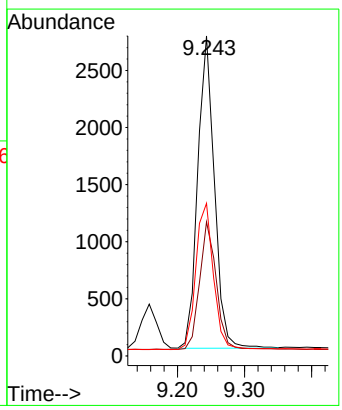


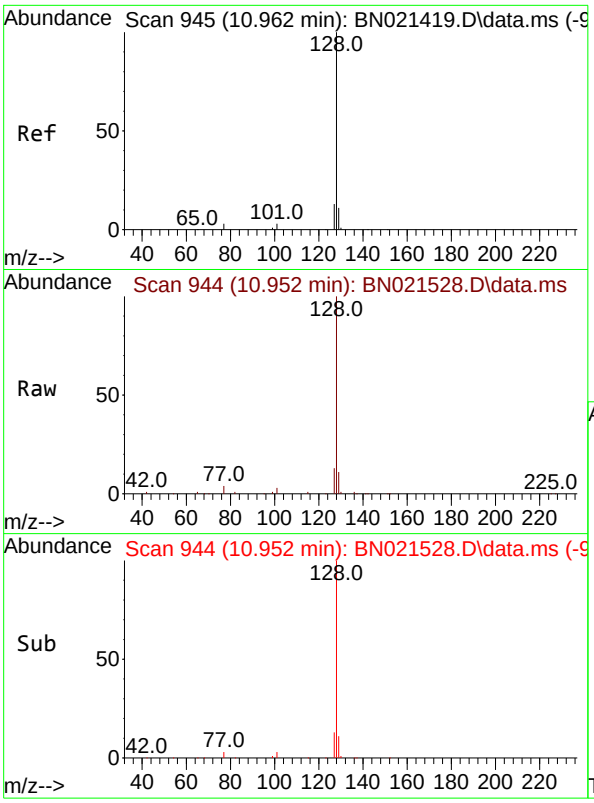


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion: 82 Resp: 4732

Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.9	46.3
54	47.7	42.7	64.1



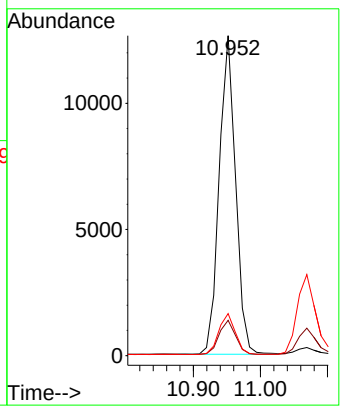


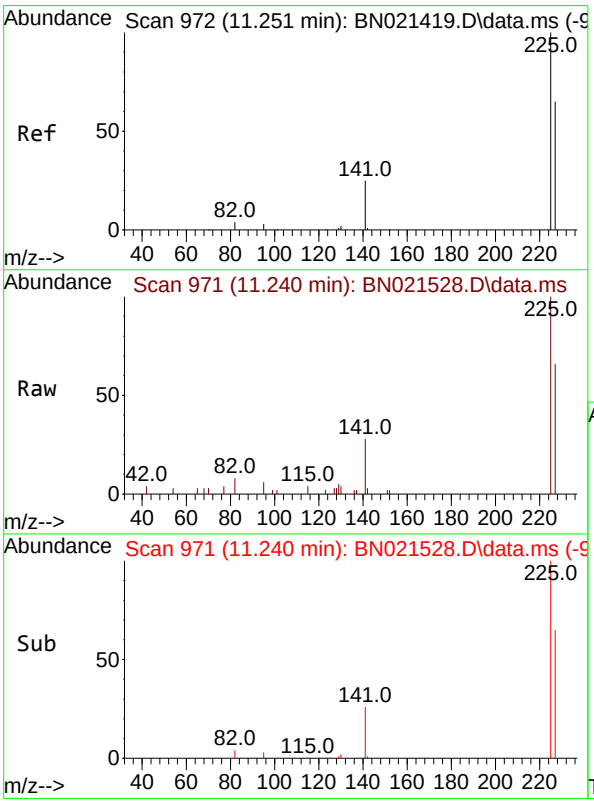
#9
Naphthalene
Concen: 0.412 ng
RT: 10.952 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 21471

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.1	11.0	16.4

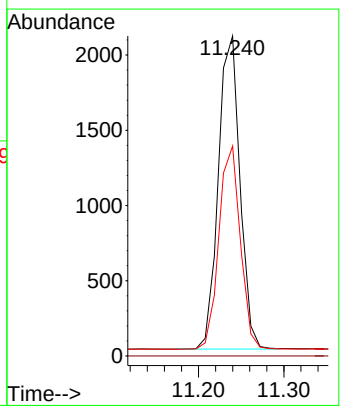


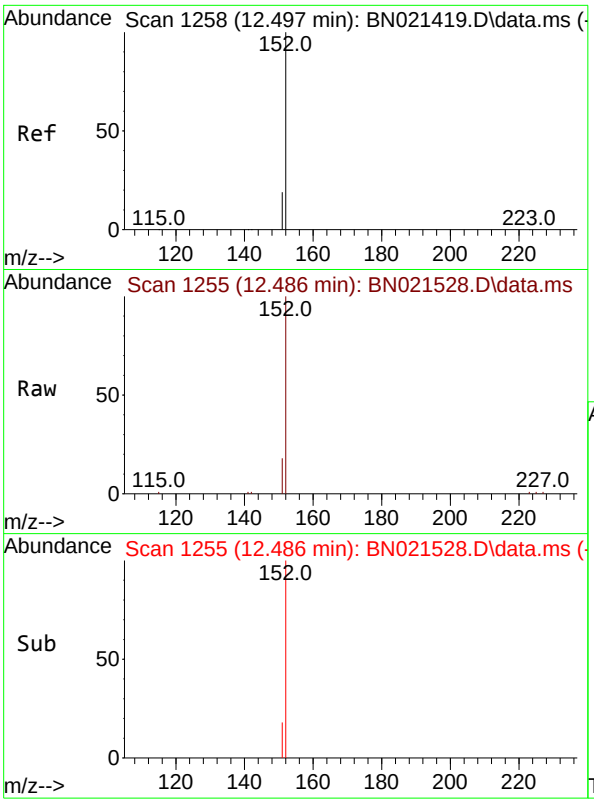


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 11.240 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:225 Resp: 3661

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



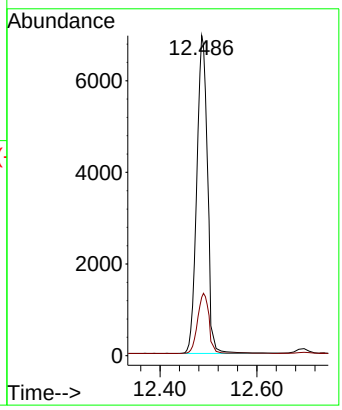


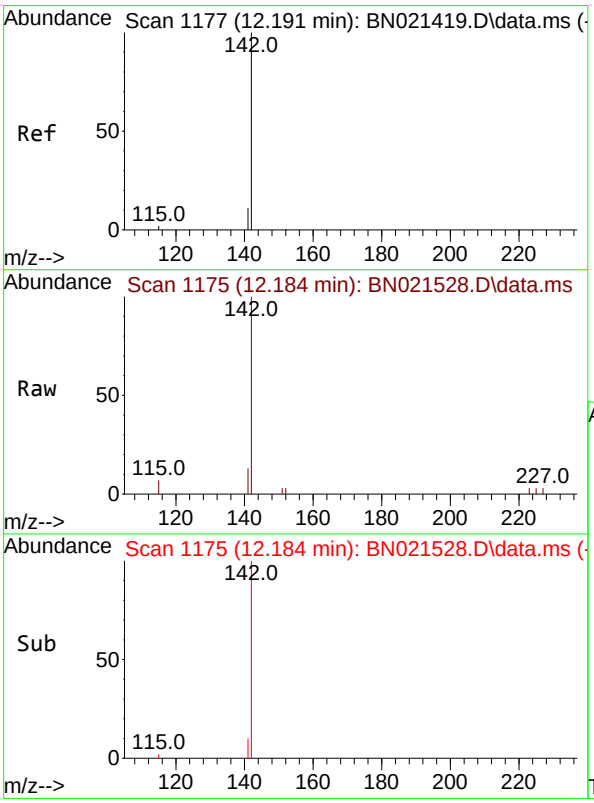
#11
2-Methylnaphthalene-d10
Concen: 0.461 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 18301

Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.5	21.7

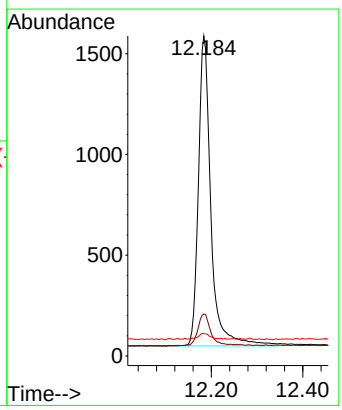


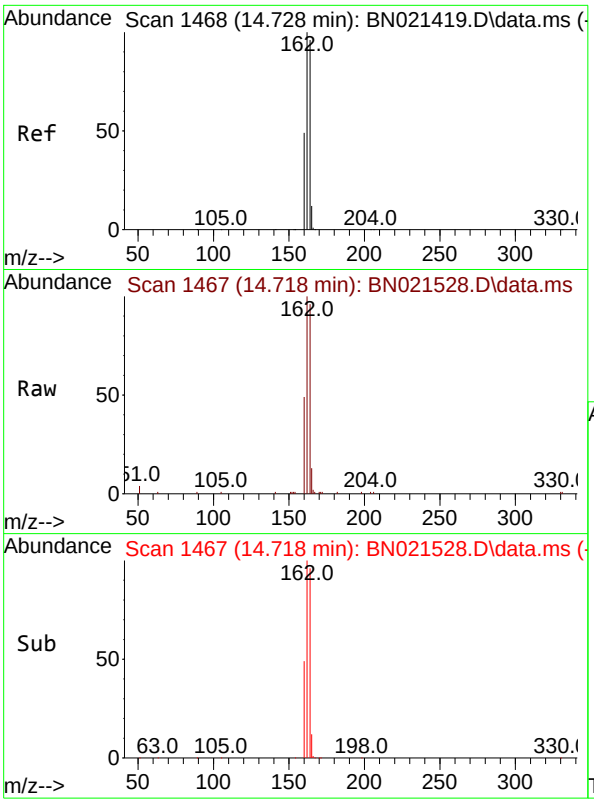


#12
2-Methylnaphthalene
Concen: 0.461 ng
RT: 12.184 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:142 Resp: 2906

Ion	Ratio	Lower	Upper
142	100		
141	13.1	12.2	18.2
115	7.0	7.9	11.9#



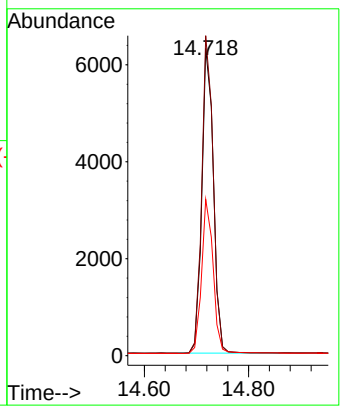


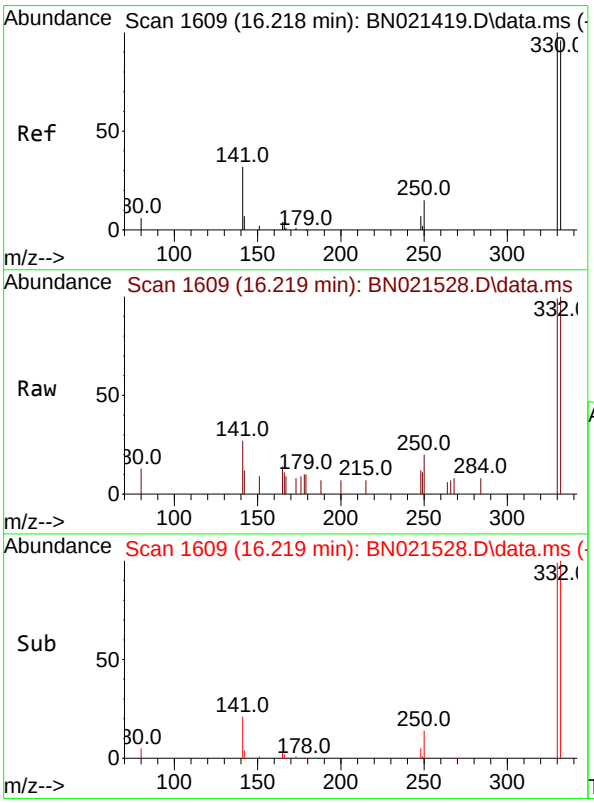
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9749

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	50.9	39.5	59.3

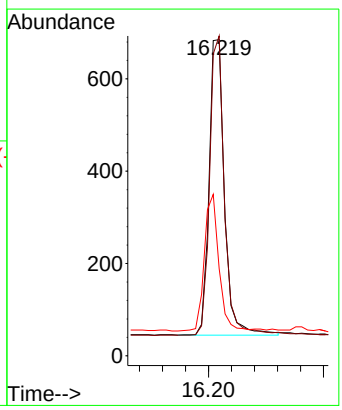


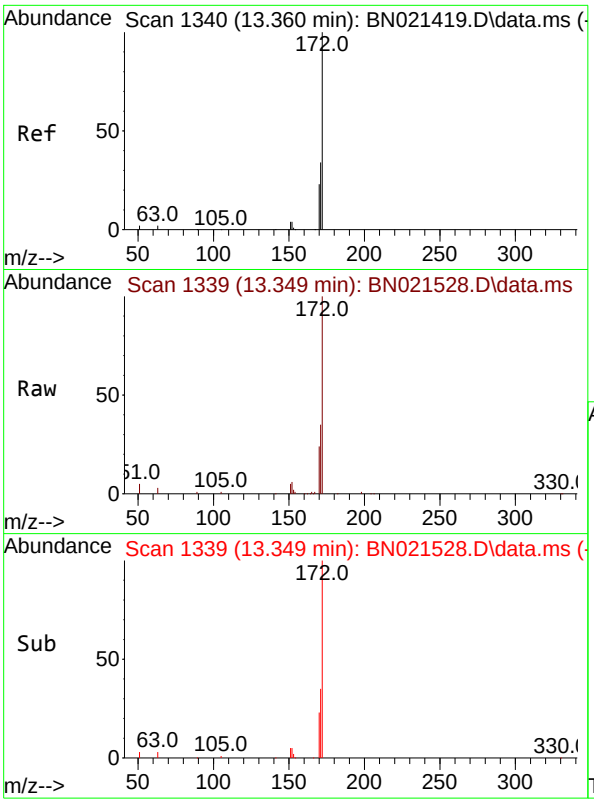


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:330 Resp: 1191

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.3	118.9
141	44.5	37.1	55.7



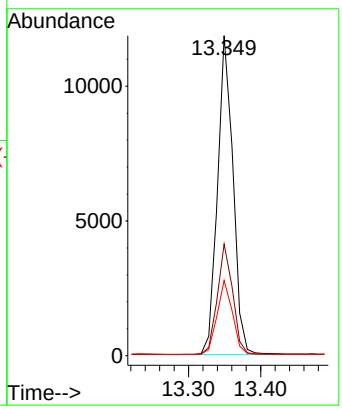


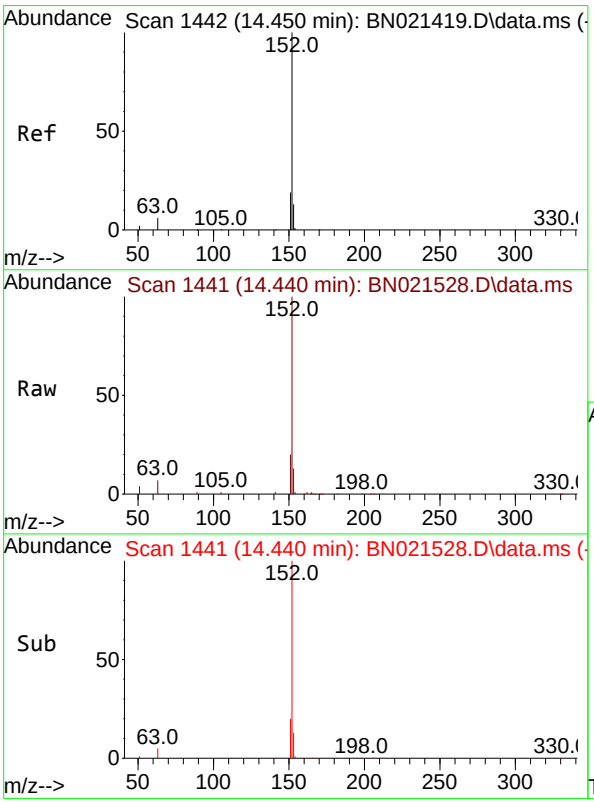
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 17578

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.6	28.0

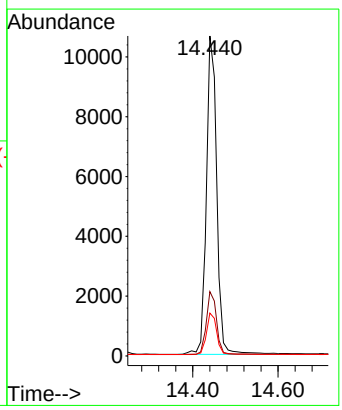


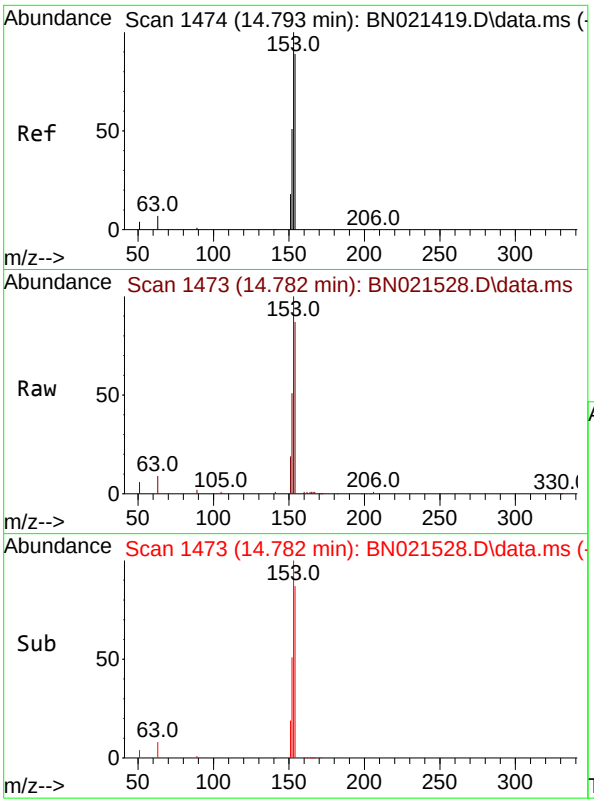


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:152 Resp: 17995

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.0	10.3	15.5



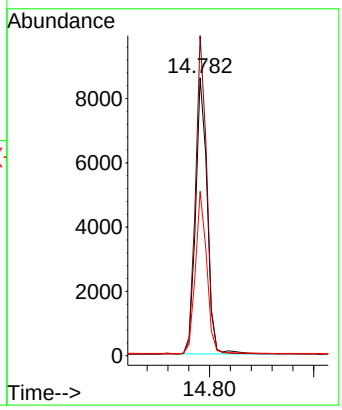


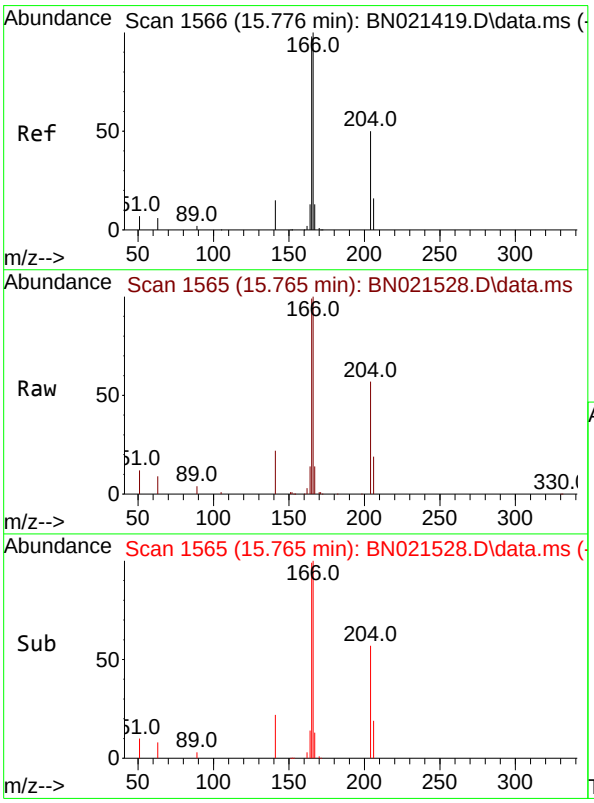
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.782 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13252

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	57.6	45.5	68.3

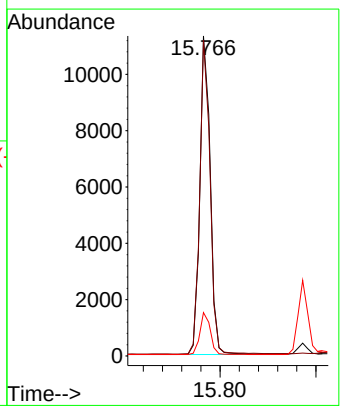


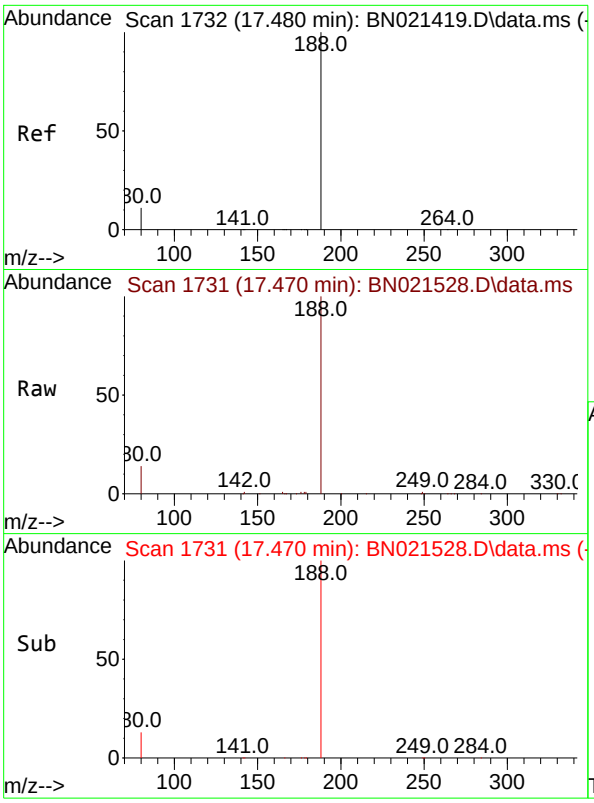


#18
Fluorene
Concen: 0.414 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:166 Resp: 16461

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.7	118.1
167	13.3	10.6	16.0





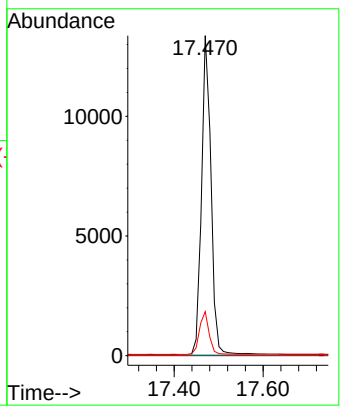
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1

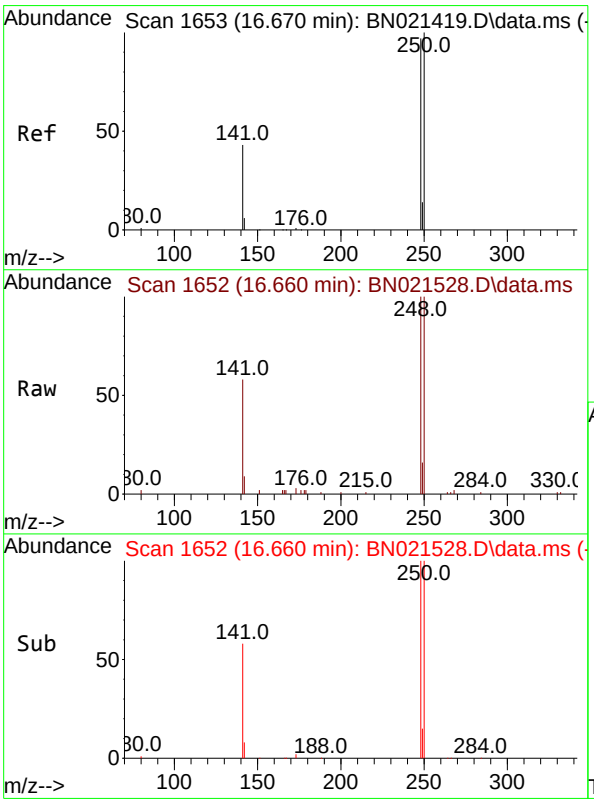
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:188 Resp: 19614

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

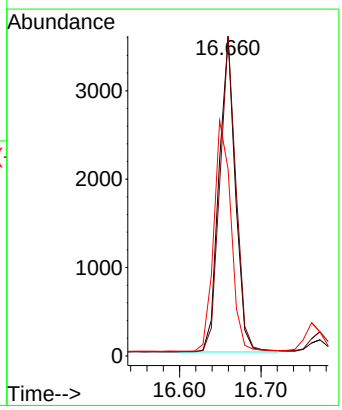


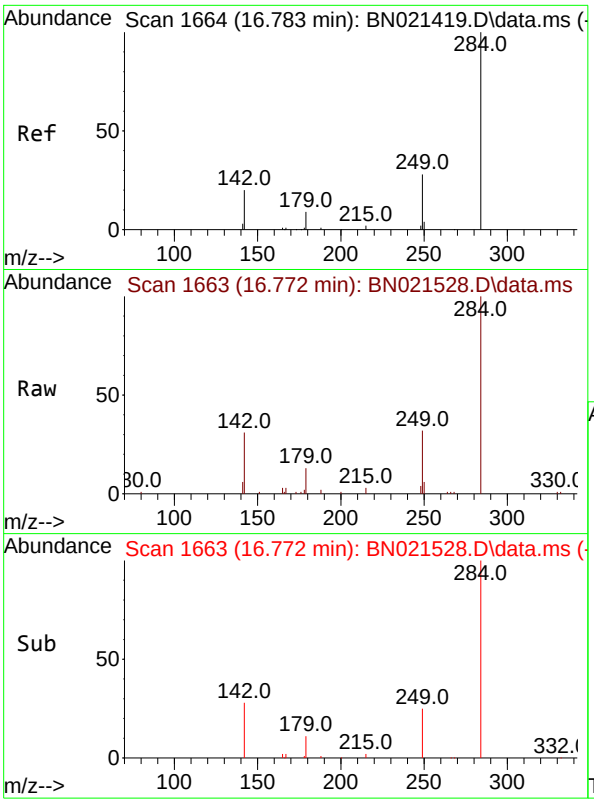


#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.660 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:248 Resp: 4969

Ion	Ratio	Lower	Upper
248	100		
250	100.4	81.8	122.6
141	58.5	38.5	57.7#



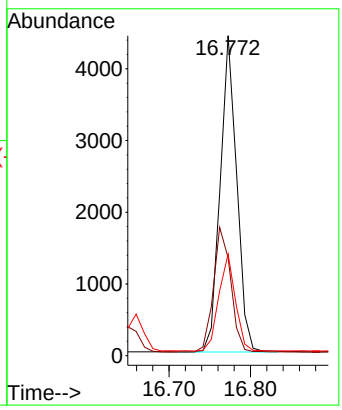


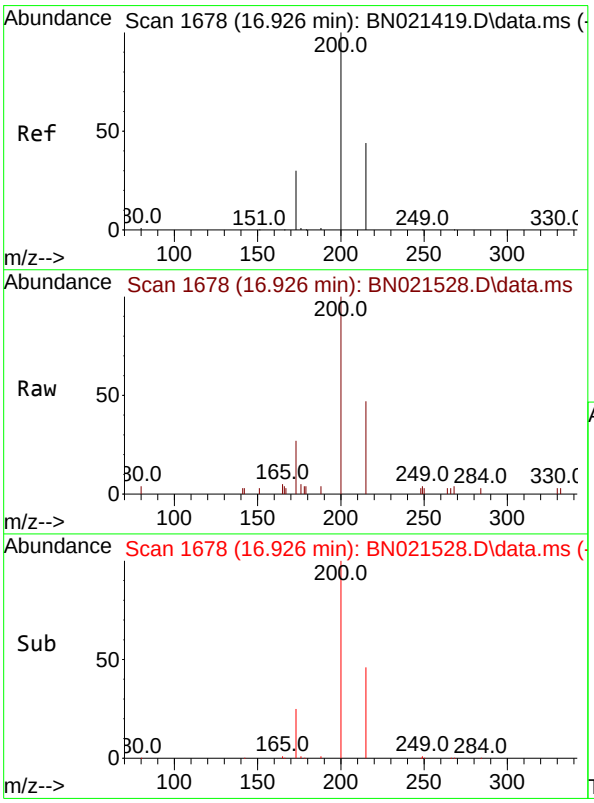
#22
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.772 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6222

Ion	Ratio	Lower	Upper
284	100		
142	41.0	32.3	48.5
249	30.6	25.4	38.2

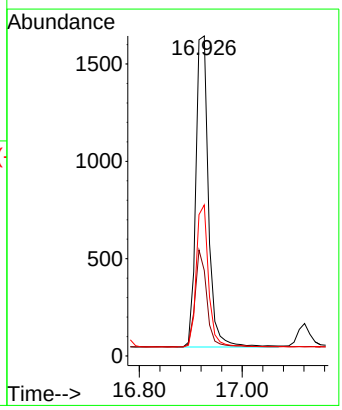


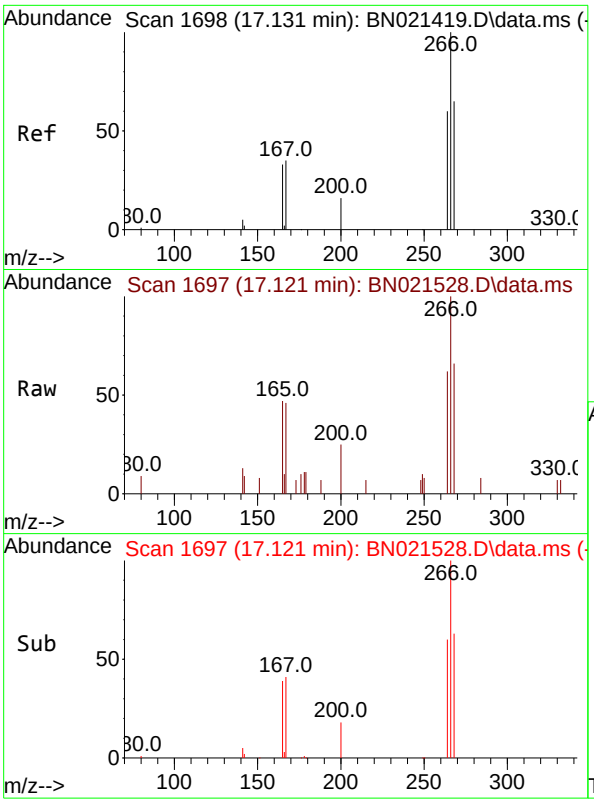


#23
Atrazine
Concen: 0.381 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:200 Resp: 2730

Ion	Ratio	Lower	Upper
200	100		
173	26.7	24.3	36.5
215	47.2	38.4	57.6



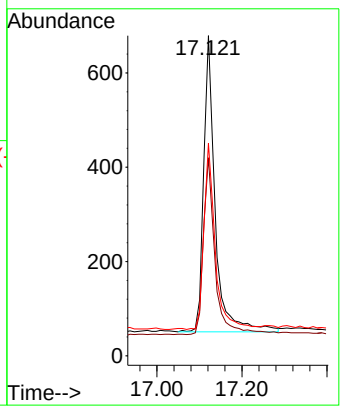


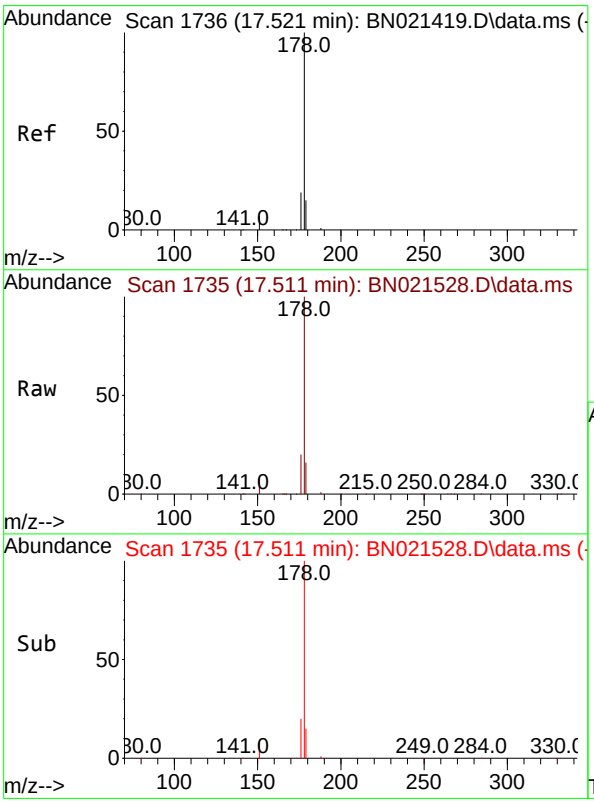
#24
Pentachlorophenol
Concen: 0.466 ng
RT: 17.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1186

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.0	73.6
268	61.7	50.9	76.3

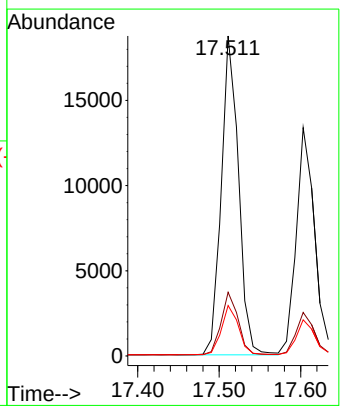


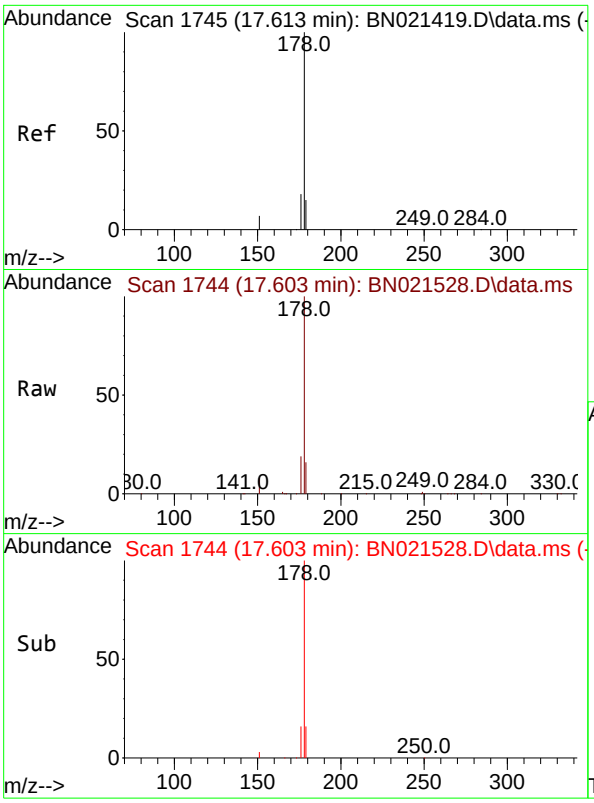


#25
Phenanthrene
Concen: 0.406 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:178 Resp: 27517

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4



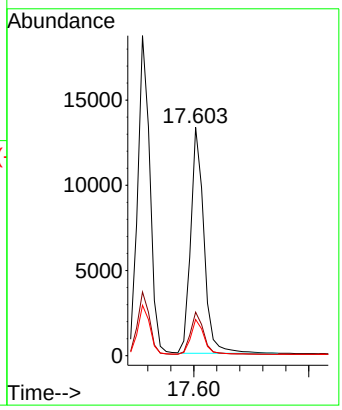


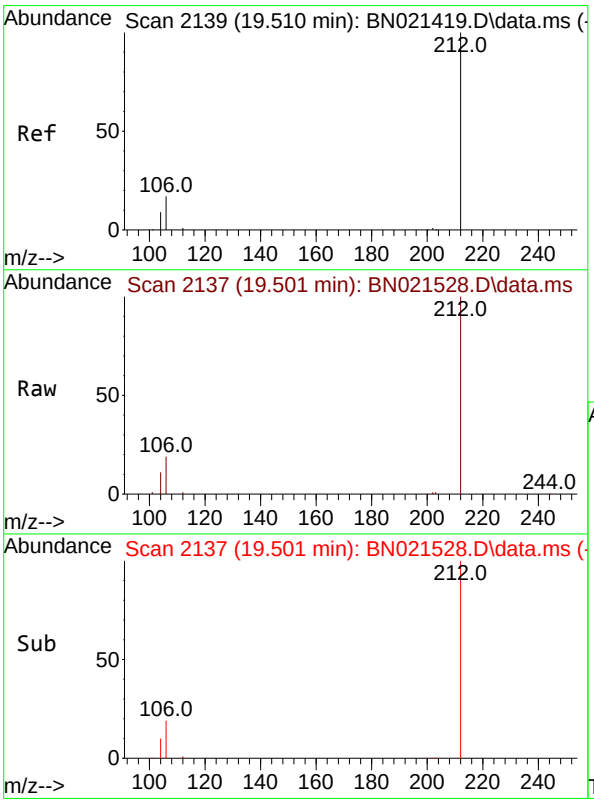
#26
Anthracene
Concen: 0.393 ng
RT: 17.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 21148

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.4	12.2	18.2

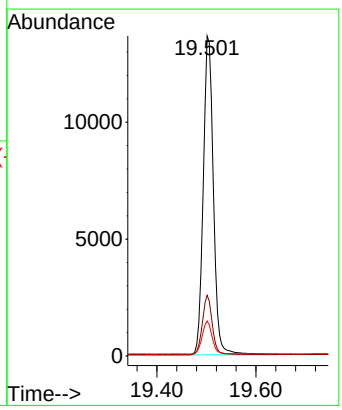


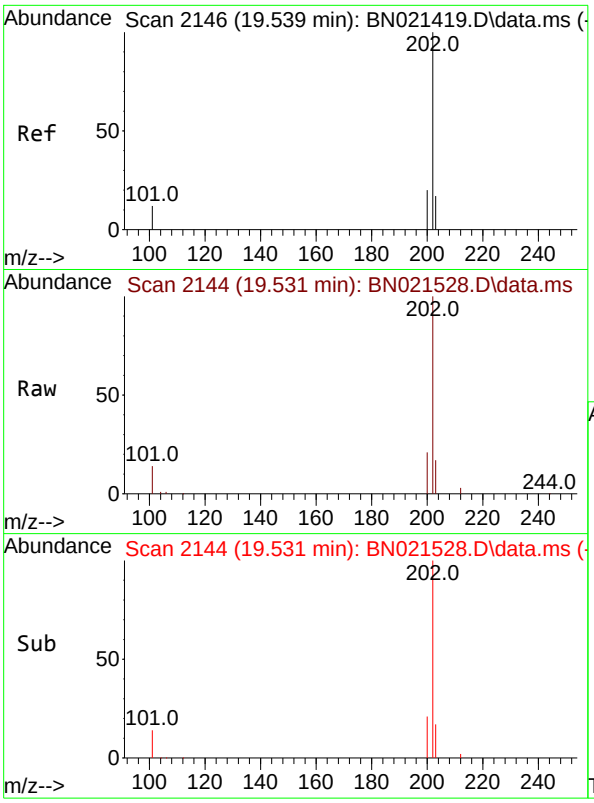


#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:212 Resp: 19494

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.2	21.2
104	10.1	7.8	11.6



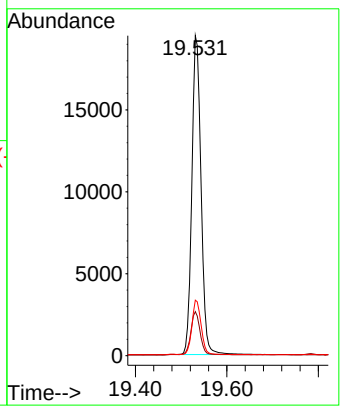


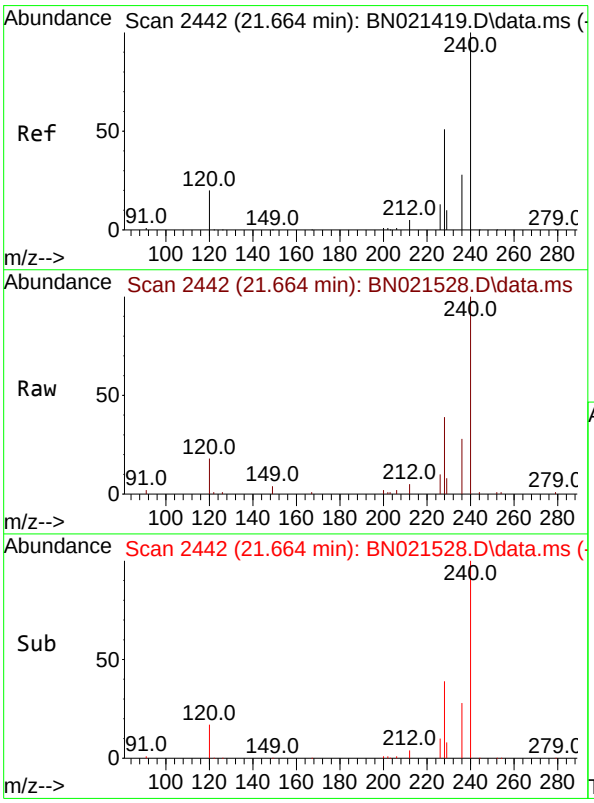
#28
Fluoranthene
Concen: 0.387 ng
RT: 19.531 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 27241

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	16.9	13.8	20.6

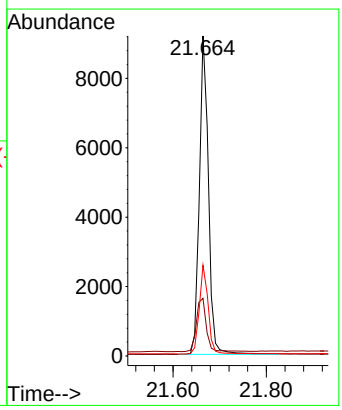


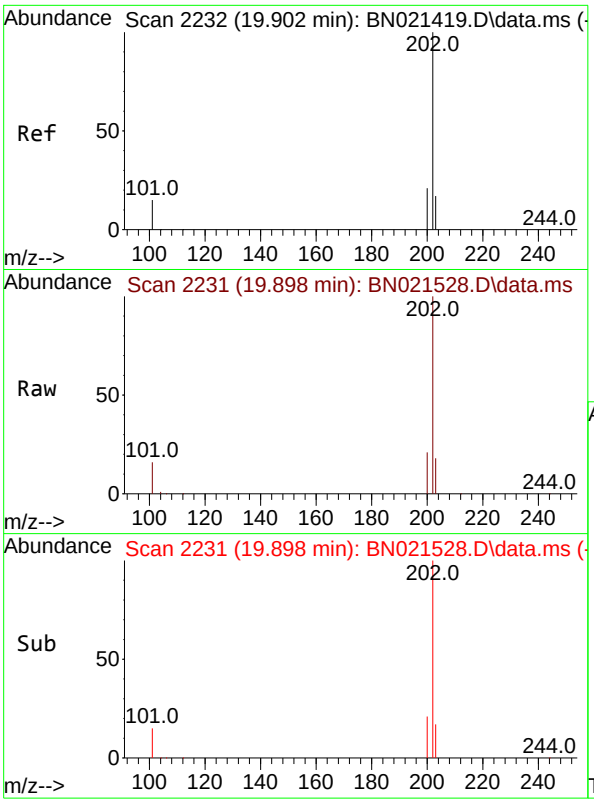


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:240 Resp: 12399

Ion	Ratio	Lower	Upper
240	100		
120	18.0	10.2	15.4#
236	28.4	22.1	33.1



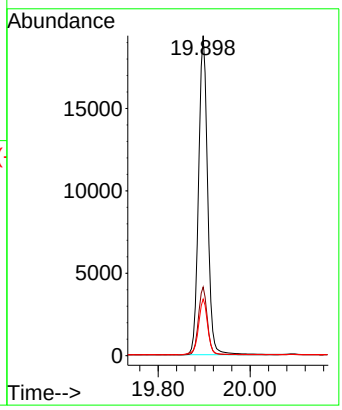


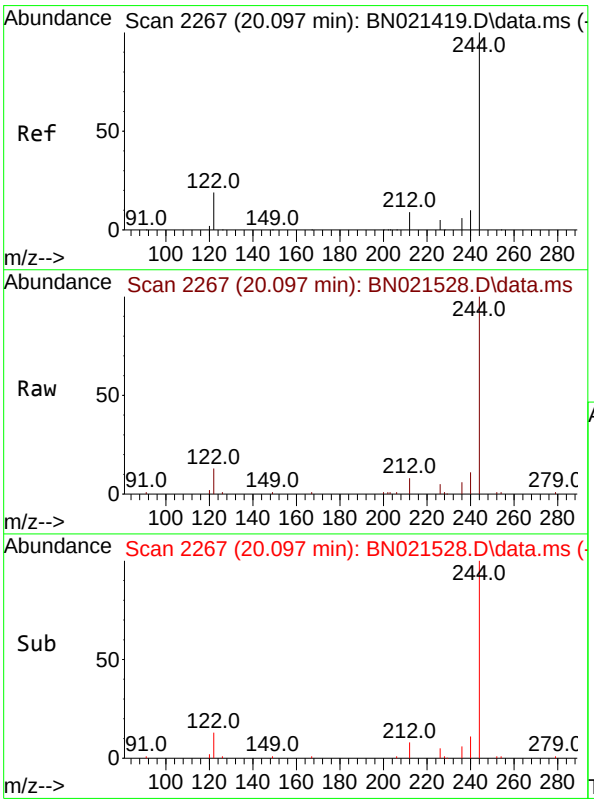
#30
Pyrene
Concen: 0.458 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 30255

Ion	Ratio	Lower	Upper
202	100		
200	18.3	13.9	20.9
203	16.6	11.9	17.9

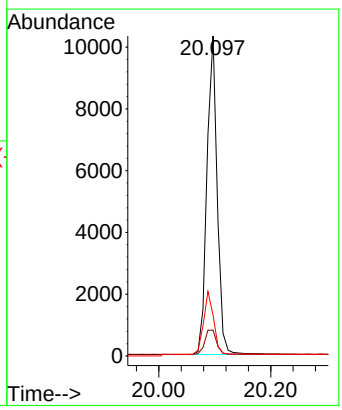


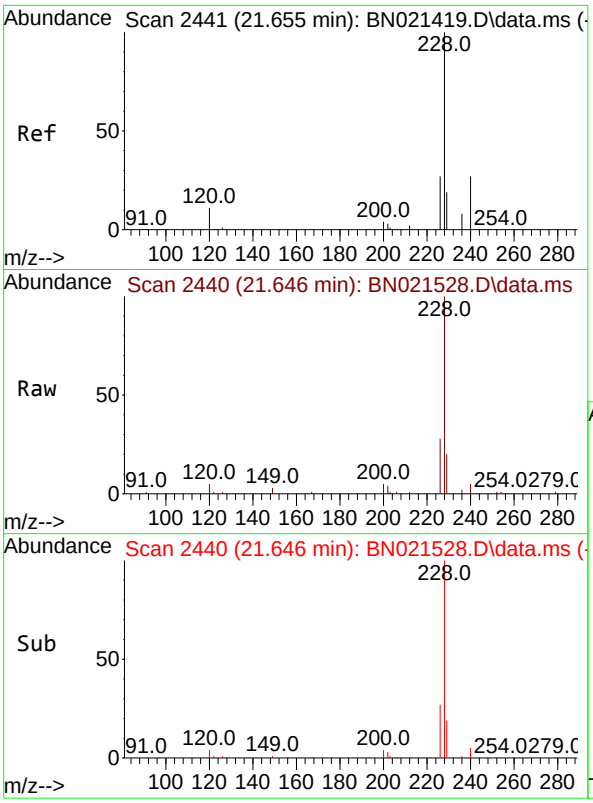


#31
Terphenyl-d14
Concen: 0.471 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:244 Resp: 13136

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	12.7	9.1	13.7



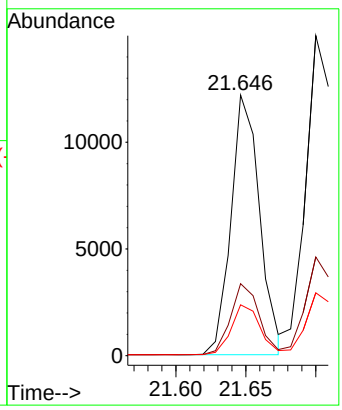


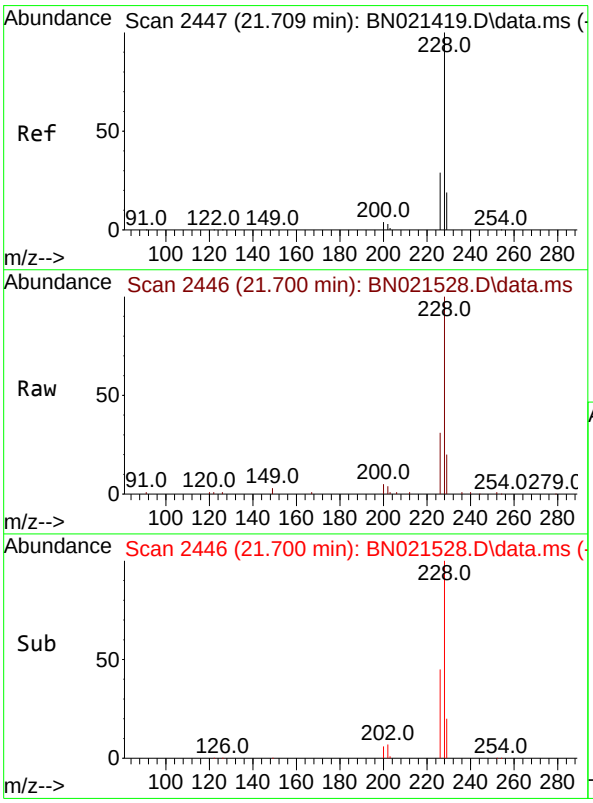
#32
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.646 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17360

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.5	15.9	23.9

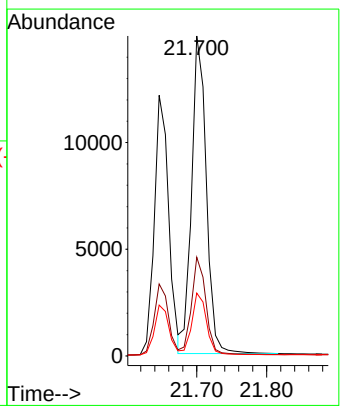


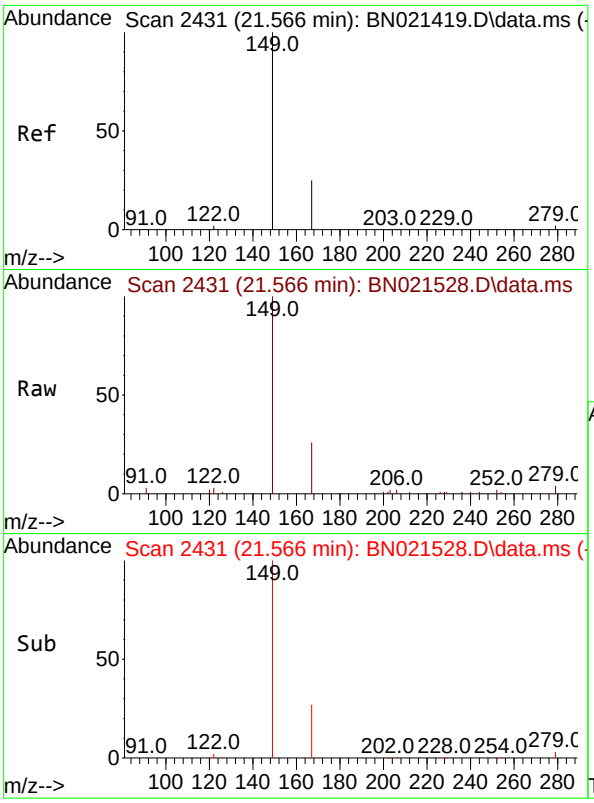


#33
Chrysene
Concen: 0.423 ng
RT: 21.700 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:228 Resp: 21752

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	19.6	15.9	23.9



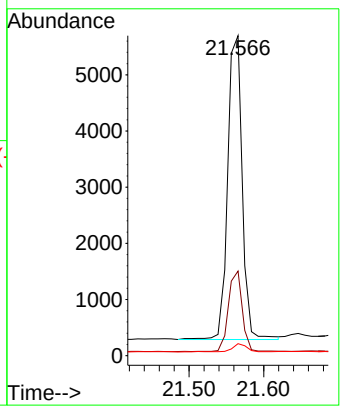


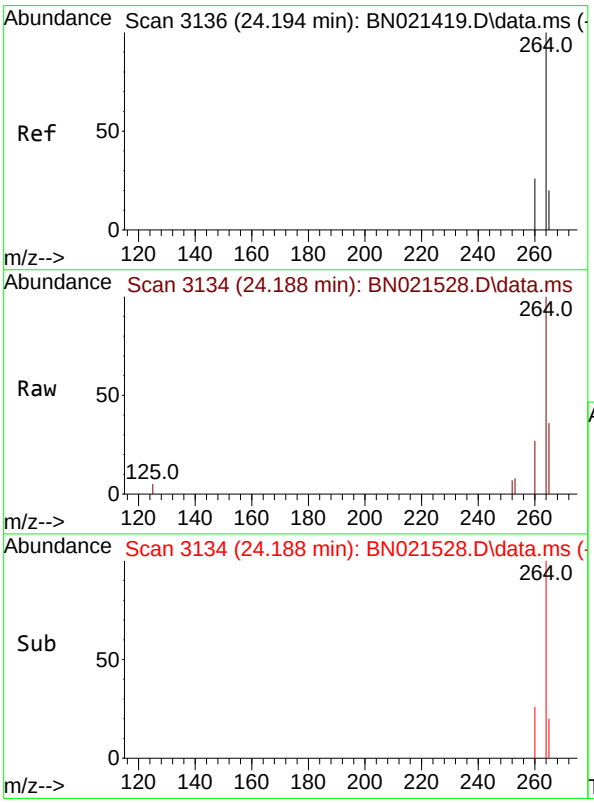
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.420 ng
RT: 21.566 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 7302

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.5	2.2	3.2

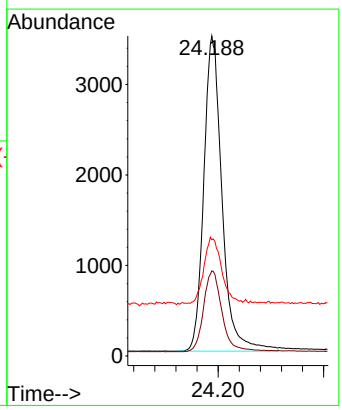


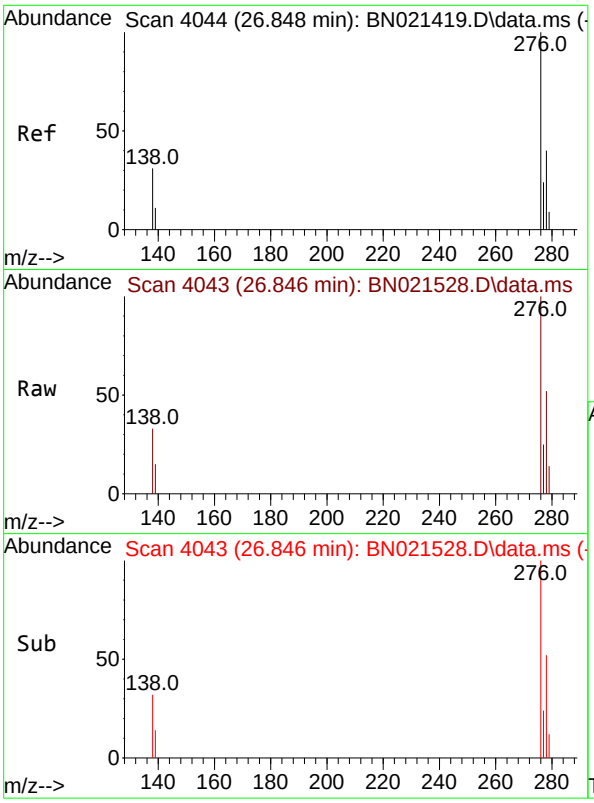


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. 0.003 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:264 Resp: 8361

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.6
265	36.3	32.2	48.2



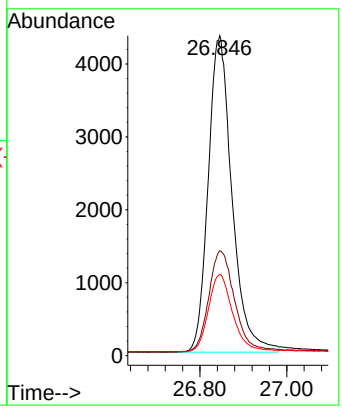


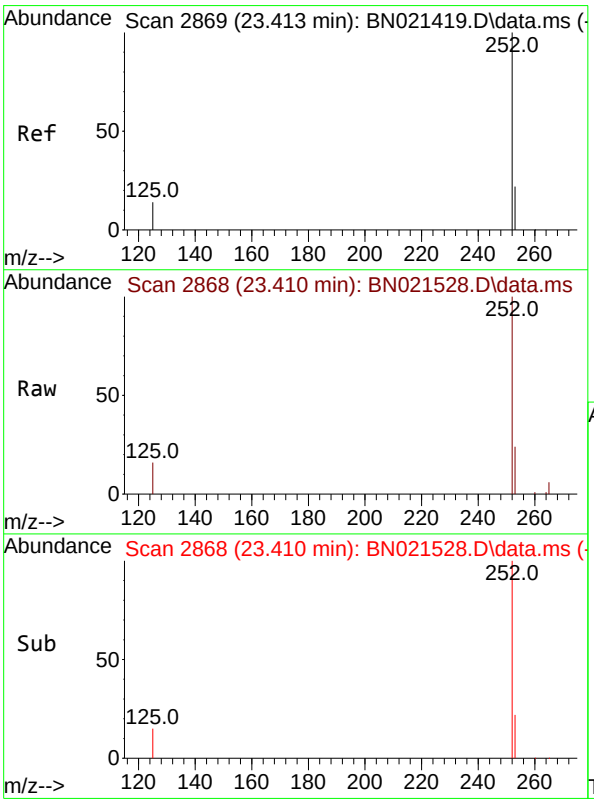
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 26.846 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16507

Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.4	41.2
277	24.9	19.9	29.9

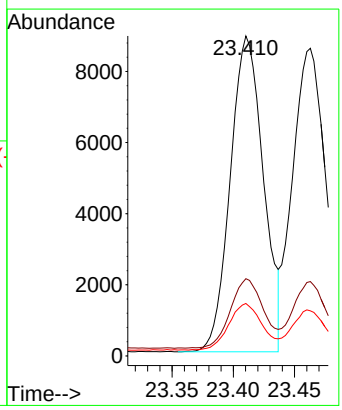


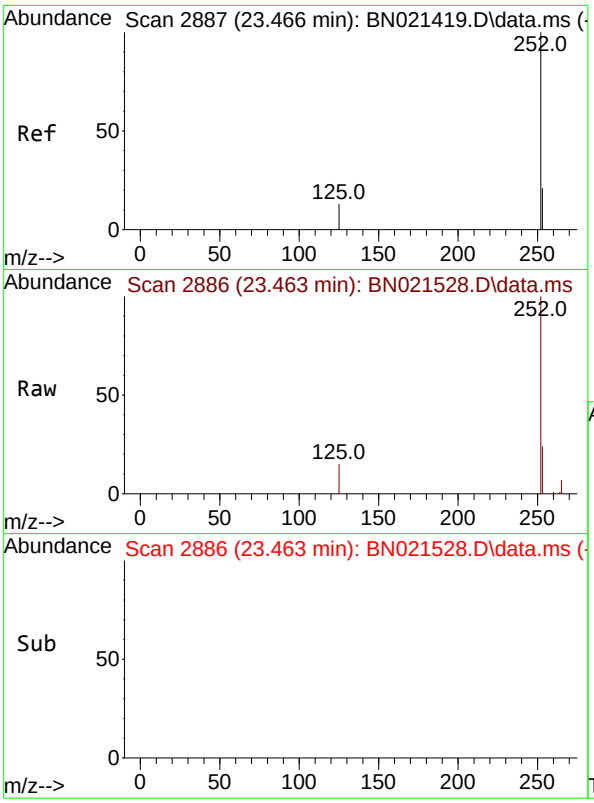


#37
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.410 min Scan# 2868
Delta R.T. 0.003 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:252 Resp: 16715

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.6
125	16.4	13.7	20.5



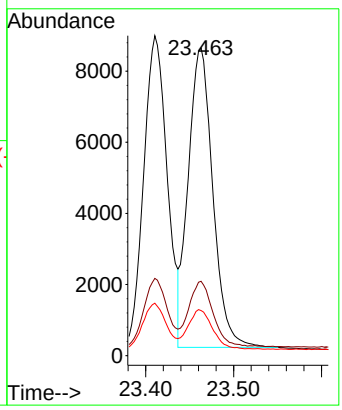


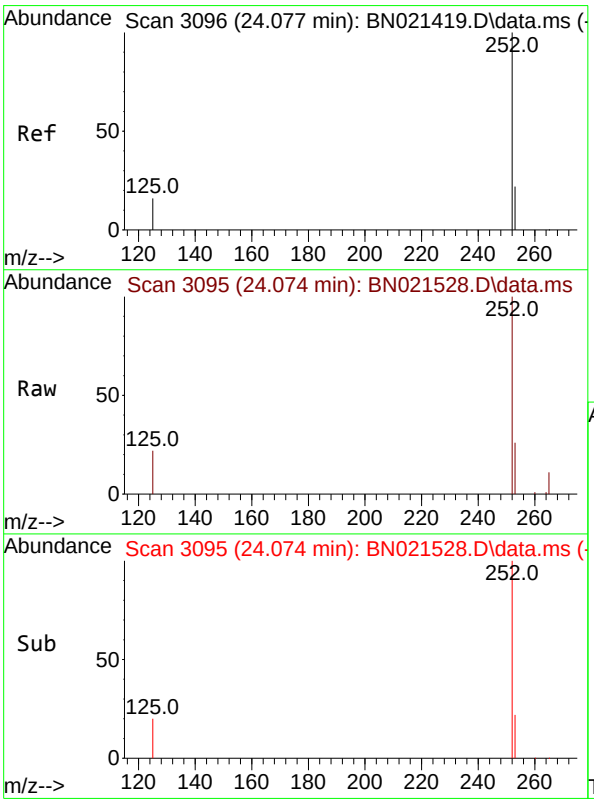
#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.463 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16396

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.5	29.3
125	14.7	12.3	18.5

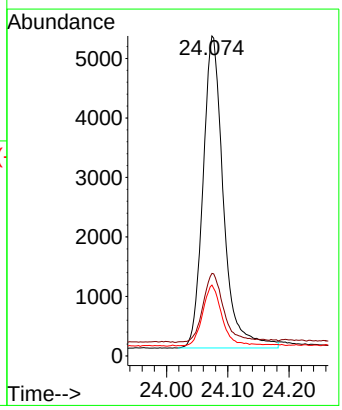


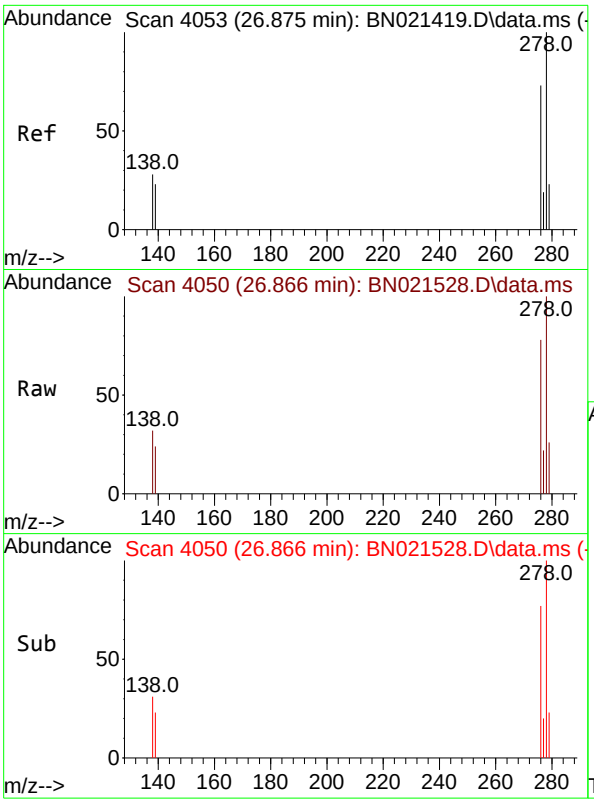


#39
Benzo(a)pyrene
Concen: 0.423 ng
RT: 24.074 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:252 Resp: 12167

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.1	31.7
125	22.2	16.6	25.0



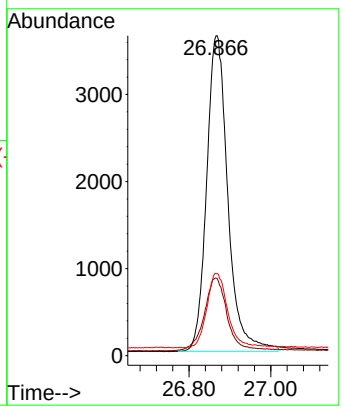


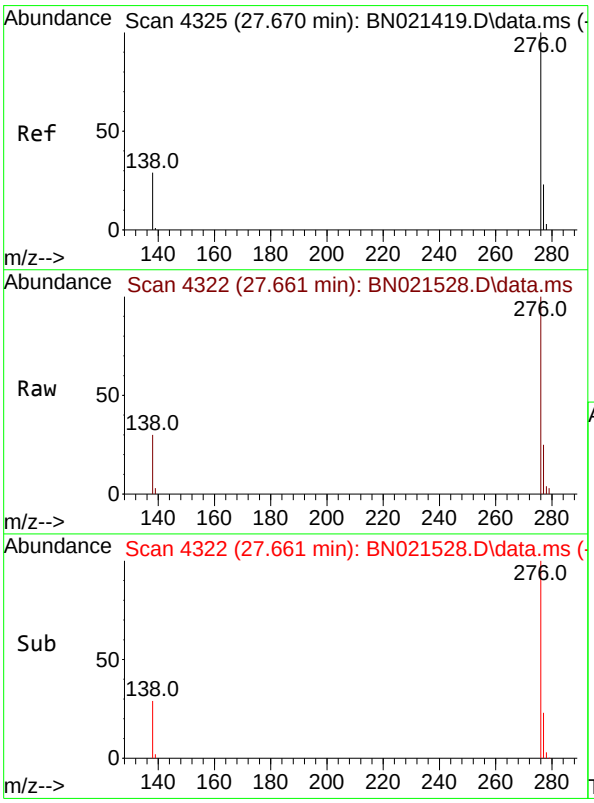
#40
Dibenzo(a,h)anthracene
Concen: 0.431 ng
RT: 26.866 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 13103

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.8	32.6
279	25.6	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 27.661 min Scan# 4322
Delta R.T. 0.009 min
Lab File: BN021528.D
Acq: 01 Sep 2022 16:46

Tgt Ion:276 Resp: 13582

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	30.3	23.7	35.5