Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021526.D
Acq On : 01 Sep 2022 15:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 02 00:58:11 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

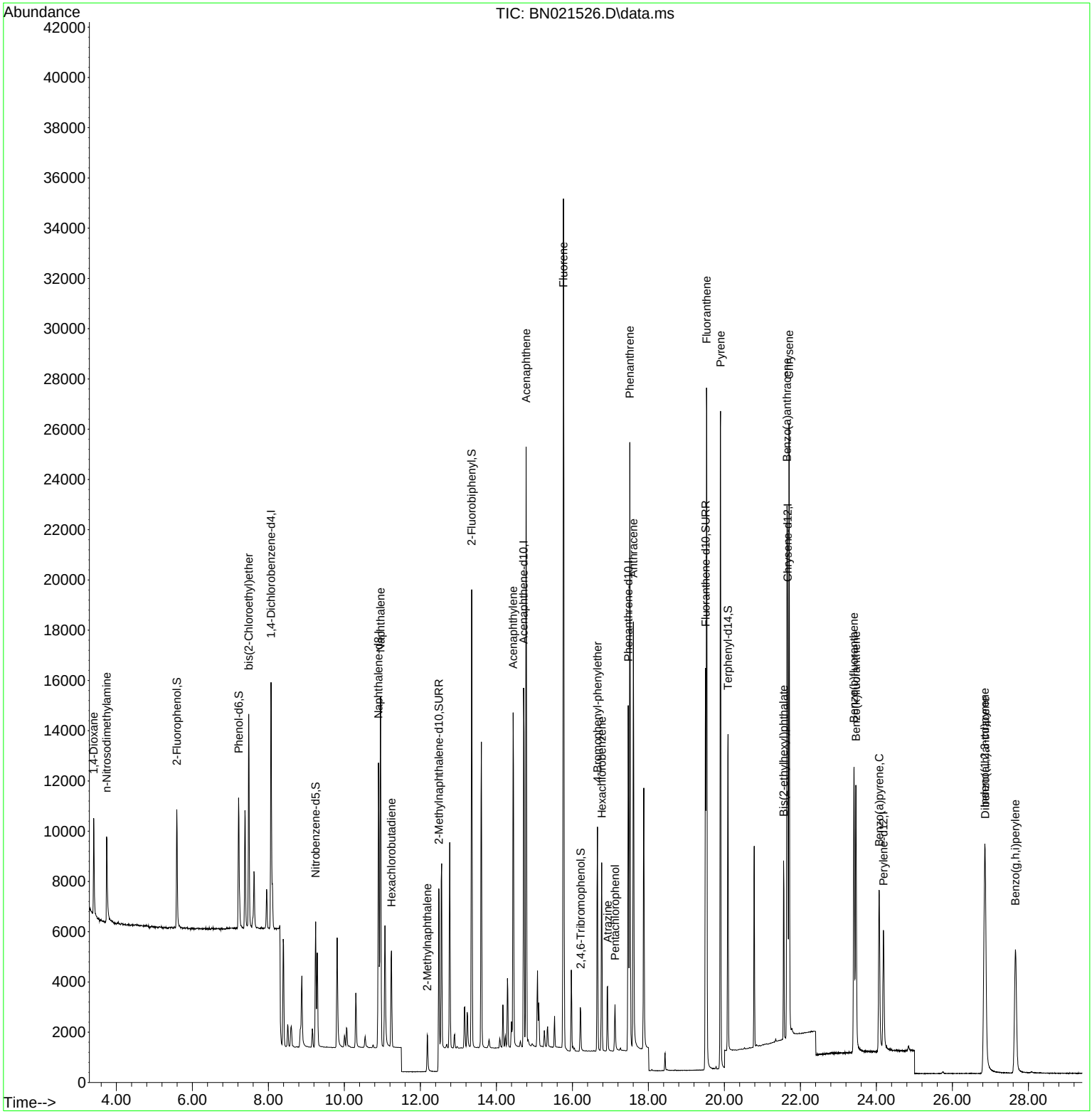
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	4856	0.400	ng		0.00
7) Naphthalene-d8	10.898	136	15216	0.400	ng		0.00
13) Acenaphthene-d10	14.718	164	8593	0.400	ng		0.00
19) Phenanthrene-d10	17.470	188	17607	0.400	ng		0.00
29) Chrysene-d12	21.664	240	11762	0.400	ng		0.00
35) Perylene-d12	24.185	264	7690	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	4132	0.435	ng		0.00
5) Phenol-d6	7.217	99	5217	0.431	ng		0.00
8) Nitrobenzene-d5	9.243	82	4164	0.405	ng		0.00
11) 2-Methylnaphthalene-d10	12.486	152	16041	0.468	ng		0.00
14) 2,4,6-Tribromophenol	16.218	330	1070	0.379	ng		0.00
15) 2-Fluorobiphenyl	13.349	172	15476	0.412	ng		0.00
27) Fluoranthene-d10	19.505	212	17989	0.397	ng		0.00
31) Terphenyl-d14	20.097	244	11963	0.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2642	0.435	ng	#	89
3) n-Nitrosodimethylamine	3.743	42	2325	0.425	ng	#	91
6) bis(2-Chloroethyl)ether	7.484	93	6391	0.419	ng		97
9) Naphthalene	10.951	128	18617	0.413	ng		99
10) Hexachlorobutadiene	11.240	225	3236	0.415	ng	#	100
12) 2-Methylnaphthalene	12.183	142	2538	0.465	ng	#	96
16) Acenaphthylene	14.440	152	15870	0.393	ng		100
17) Acenaphthene	14.782	154	11809	0.416	ng		100
18) Fluorene	15.765	166	14564	0.416	ng		100
21) 4-Bromophenyl-phenylether	16.659	248	4458	0.405	ng	#	92
22) Hexachlorobenzene	16.772	284	5548	0.412	ng		99
23) Atrazine	16.926	200	2468	0.384	ng		97
24) Pentachlorophenol	17.121	266	1008	0.452	ng		98
25) Phenanthrene	17.511	178	24726	0.407	ng		100
26) Anthracene	17.603	178	19102	0.396	ng		100
28) Fluoranthene	19.531	202	24881	0.394	ng		100
30) Pyrene	19.898	202	27393	0.437	ng		96
32) Benzo(a)anthracene	21.646	228	16564	0.404	ng		100
33) Chrysene	21.700	228	20605	0.422	ng		99
34) Bis(2-ethylhexyl)phtha...	21.557	149	6977	0.423	ng		98
36) Indeno(1,2,3-cd)pyrene	26.848	276	13983	0.403	ng		100
37) Benzo(b)fluoranthene	23.410	252	15411	0.407	ng		98
38) Benzo(k)fluoranthene	23.460	252	15065	0.395	ng		100
39) Benzo(a)pyrene	24.074	252	11017	0.417	ng		100
40) Dibenzo(a,h)anthracene	26.866	278	11110	0.398	ng		97
41) Benzo(g,h,i)perylene	27.658	276	11941	0.390	ng		99

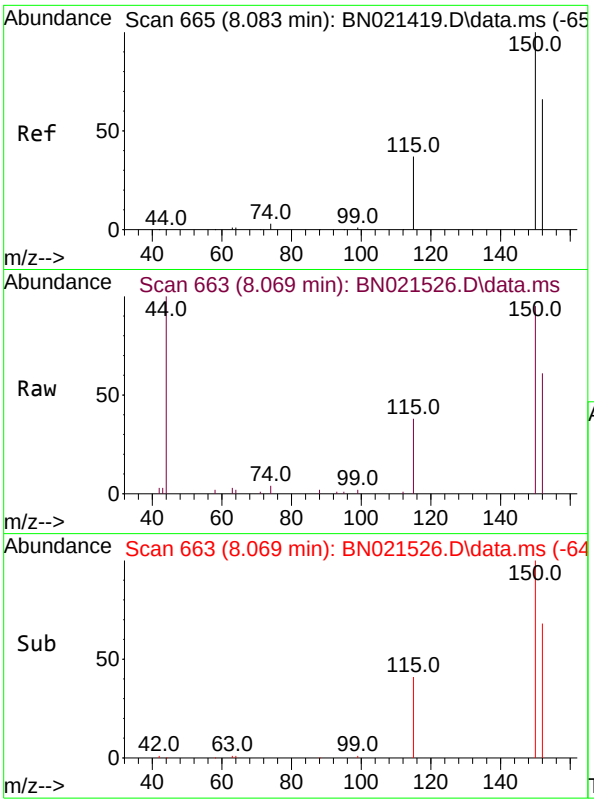
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021526.D
Acq On : 01 Sep 2022 15:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 02 00:58:11 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



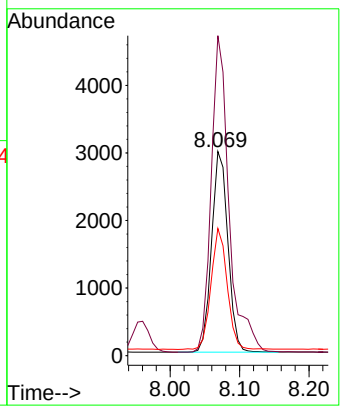


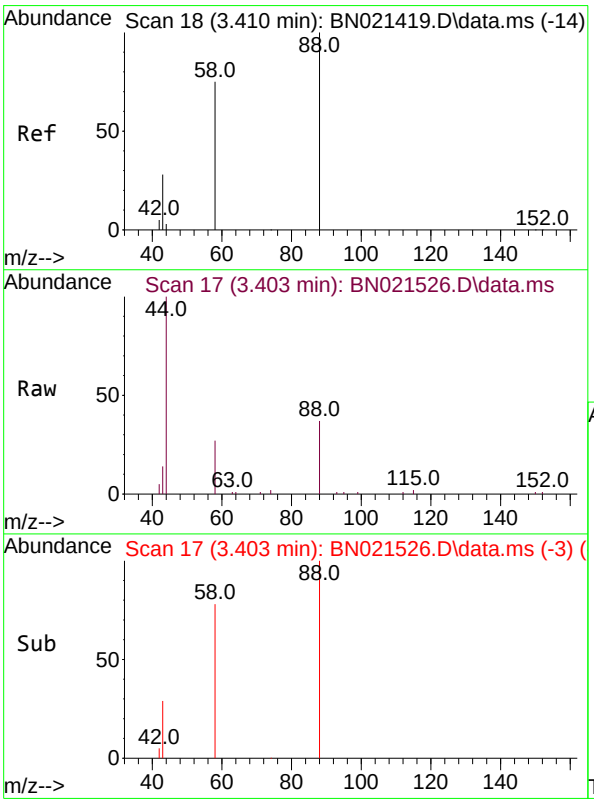
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4856

Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.4	182.0
115	62.3	48.6	72.8

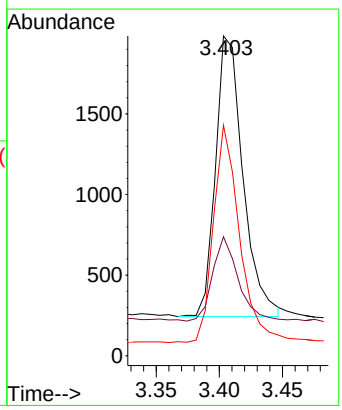


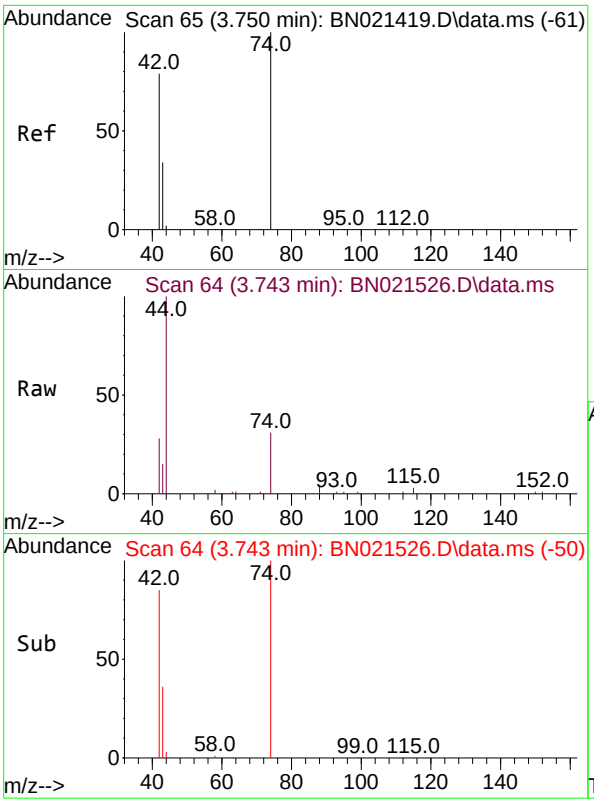


#2
1,4-Dioxane
Concen: 0.435 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion: 88 Resp: 2642

Ion	Ratio	Lower	Upper
88	100		
43	28.1	35.8	53.8#
58	73.2	57.1	85.7



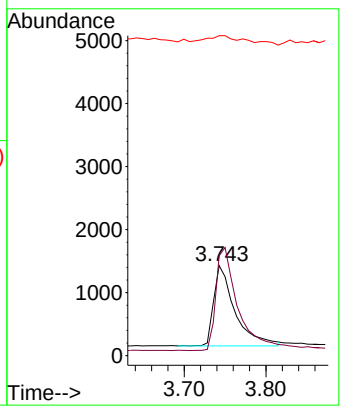


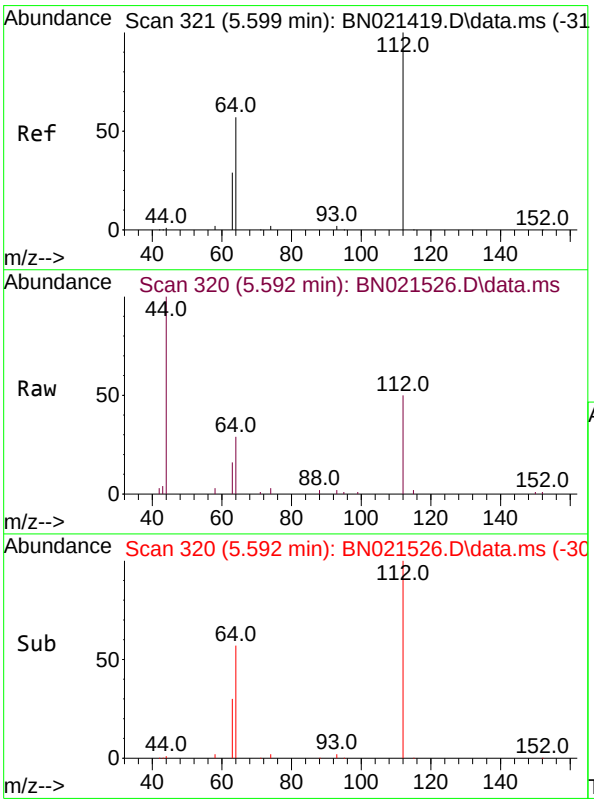
#3
n-Nitrosodimethylamine
Concen: 0.425 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2325

Ion	Ratio	Lower	Upper
42	100		
74	131.8	113.0	169.6
44	22.8	10.5	15.7#

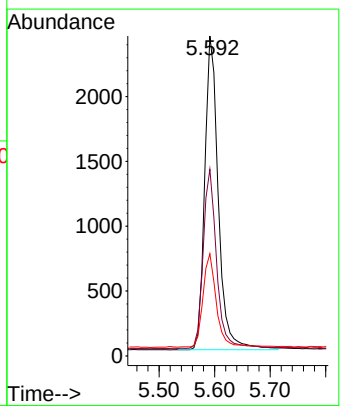


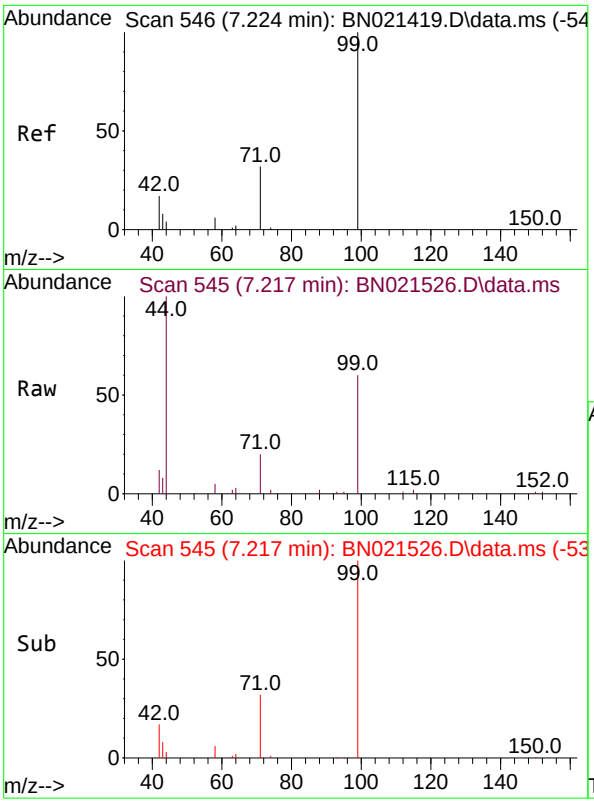


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.592 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:112 Resp: 4132

Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.5	65.3
63	29.6	22.6	34.0



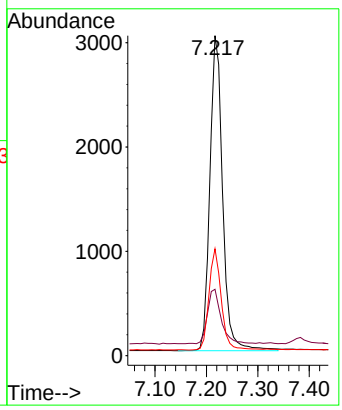


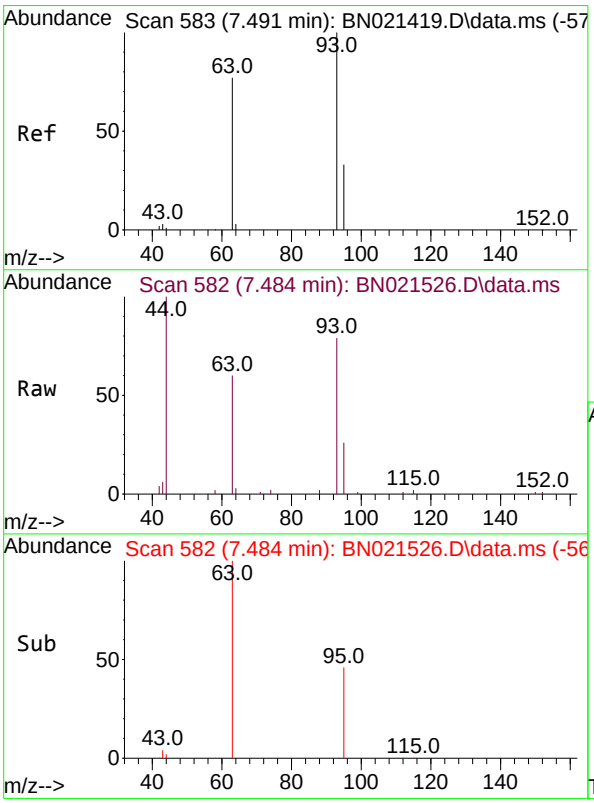
#5
Phenol-d6
Concen: 0.431 ng
RT: 7.217 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5217

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.5	23.3
71	31.1	24.2	36.2

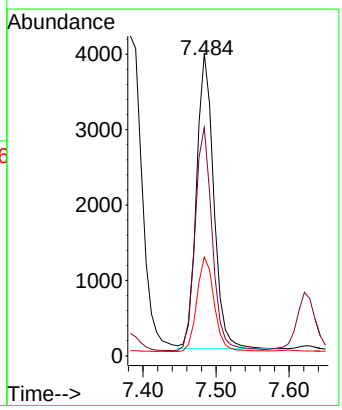


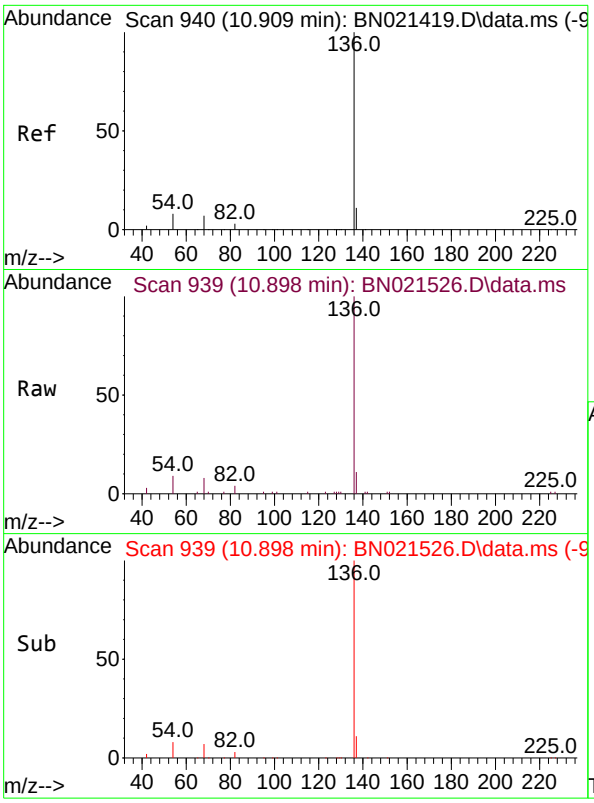


#6
bis(2-Chloroethyl)ether
Concen: 0.419 ng
RT: 7.484 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion: 93 Resp: 6391

Ion	Ratio	Lower	Upper
93	100		
63	75.5	57.8	86.8
95	32.3	25.9	38.9



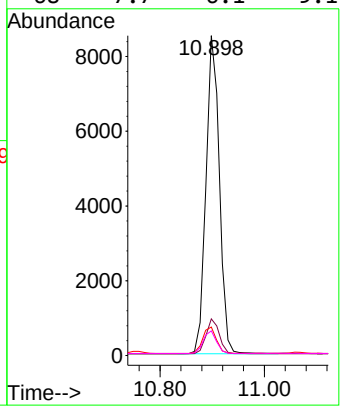


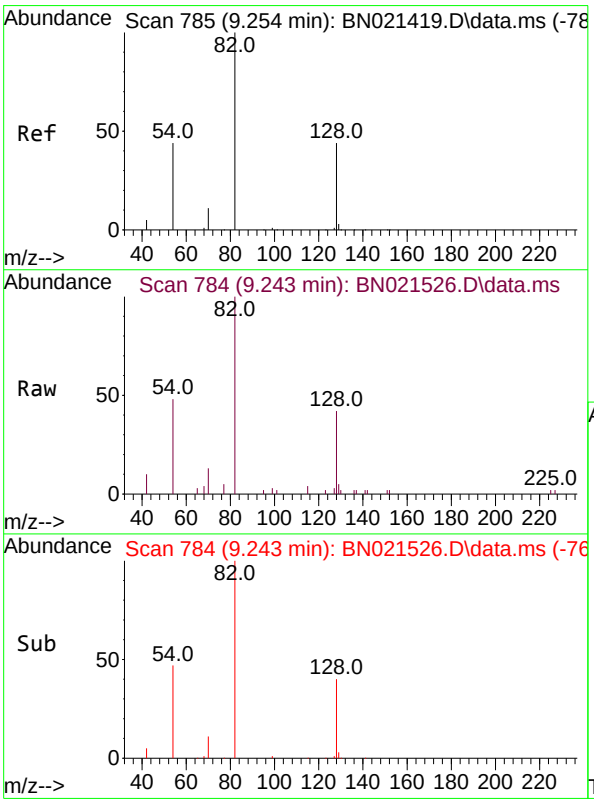
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15216

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.9	6.9	10.3
68	7.7	6.1	9.1

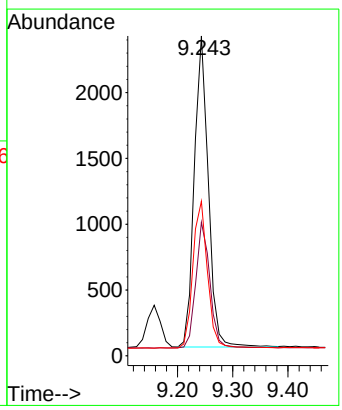


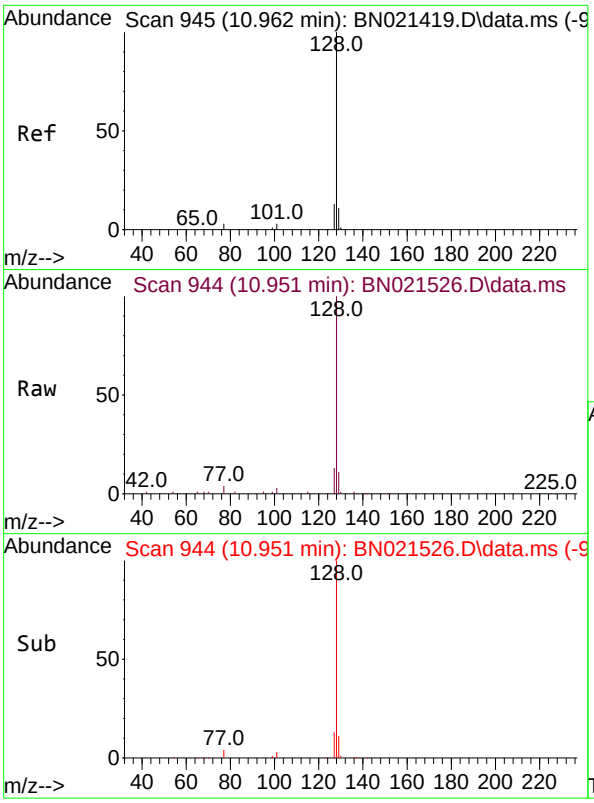


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion: 82 Resp: 4164

Ion	Ratio	Lower	Upper
82	100		
128	41.8	30.9	46.3
54	48.3	42.7	64.1



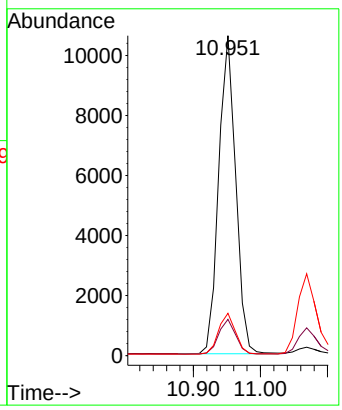


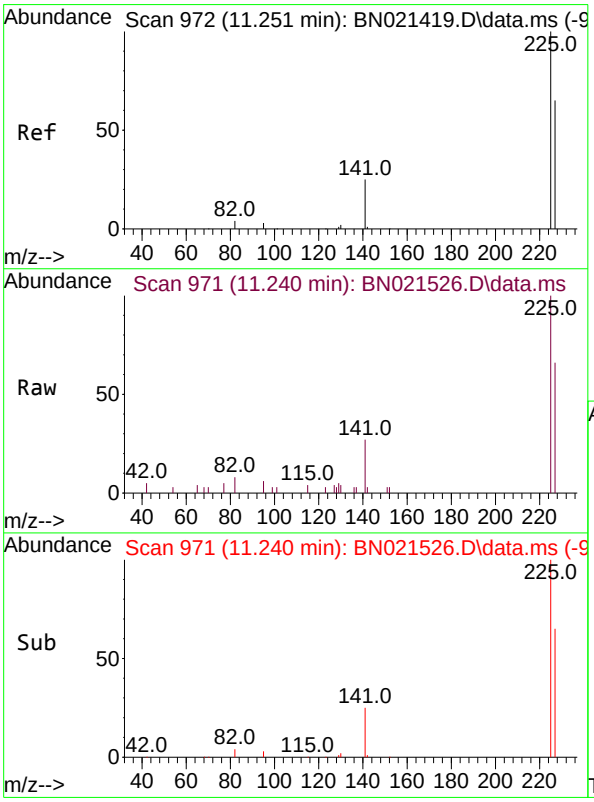
#9
Naphthalene
Concen: 0.413 ng
RT: 10.951 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18617

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.2	11.0	16.4

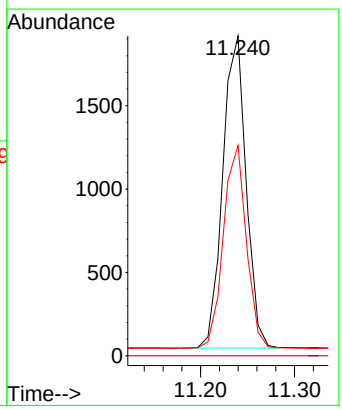


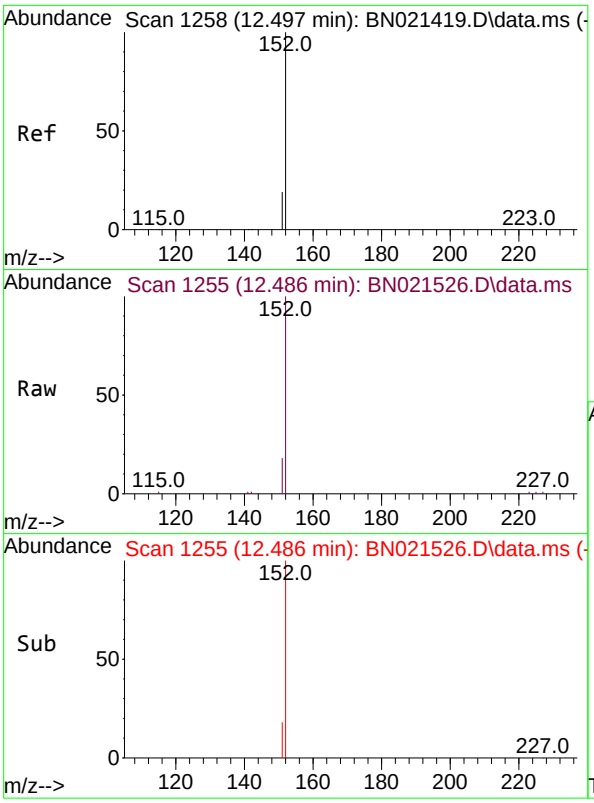


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:225 Resp: 3236

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



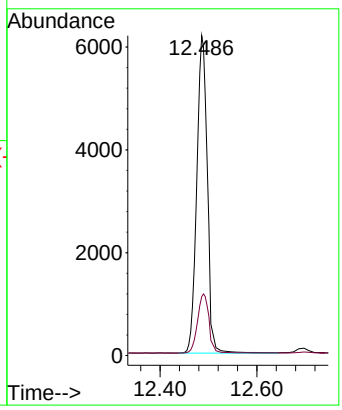


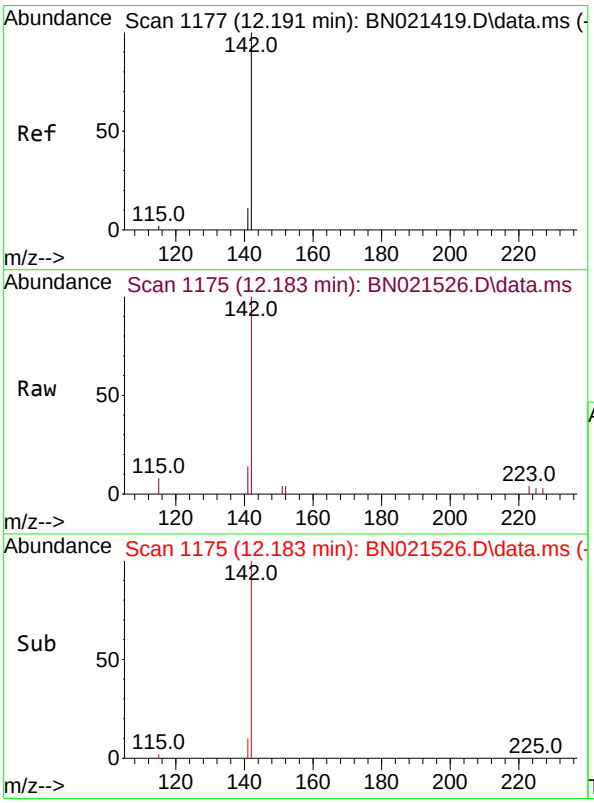
#11
2-Methylnaphthalene-d10
Concen: 0.468 ng
RT: 12.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16041

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.5	21.7

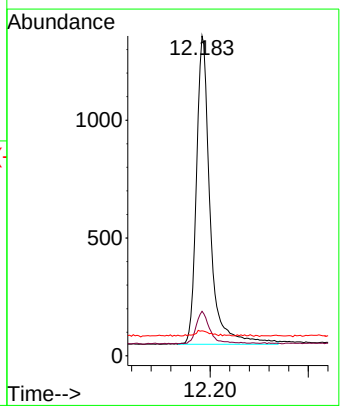


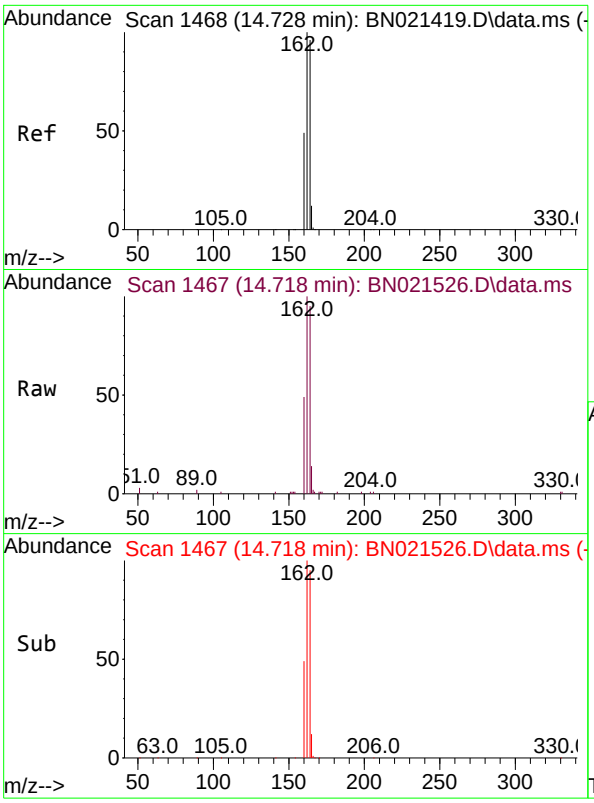


#12
2-Methylnaphthalene
Concen: 0.465 ng
RT: 12.183 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:142 Resp: 2538

Ion	Ratio	Lower	Upper
142	100		
141	13.9	12.2	18.2
115	7.8	7.9	11.9#



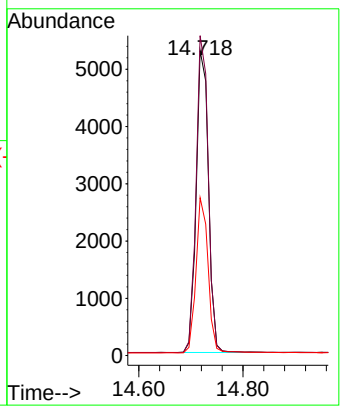


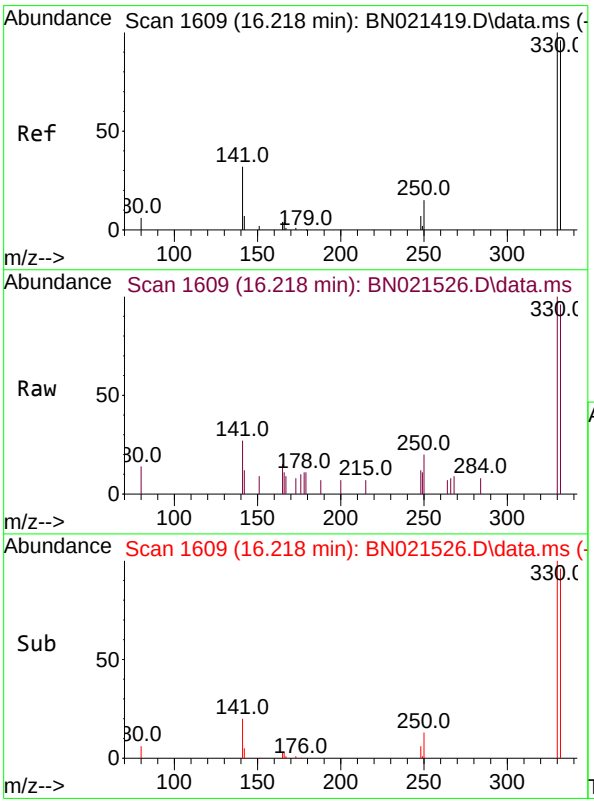
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8593

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	51.7	39.5	59.3

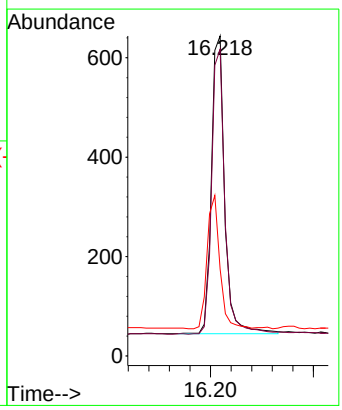


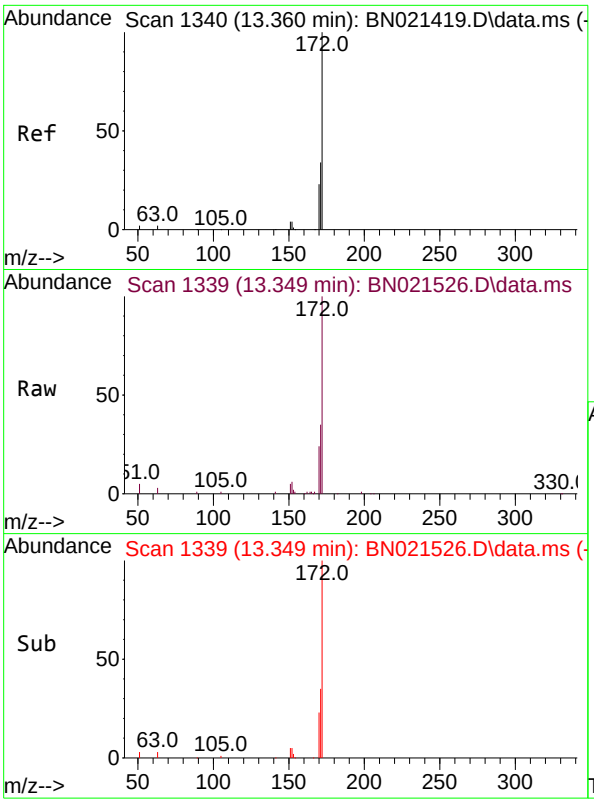


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:330 Resp: 1070

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.3	118.9
141	43.1	37.1	55.7



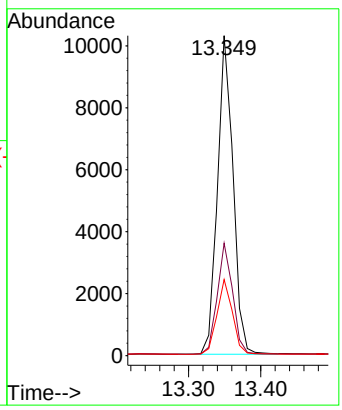


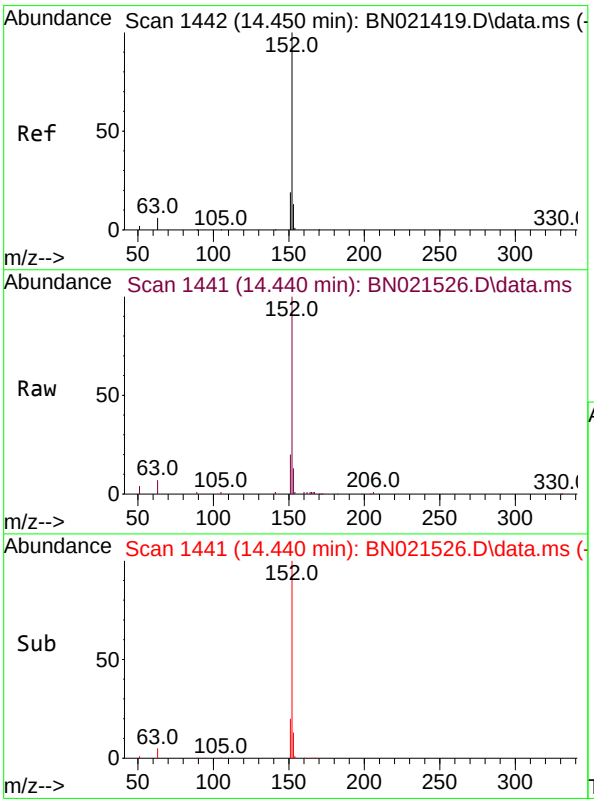
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15476

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.8	18.6	28.0

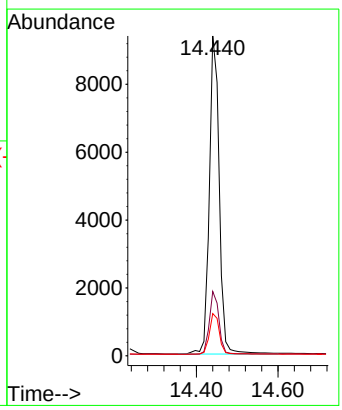


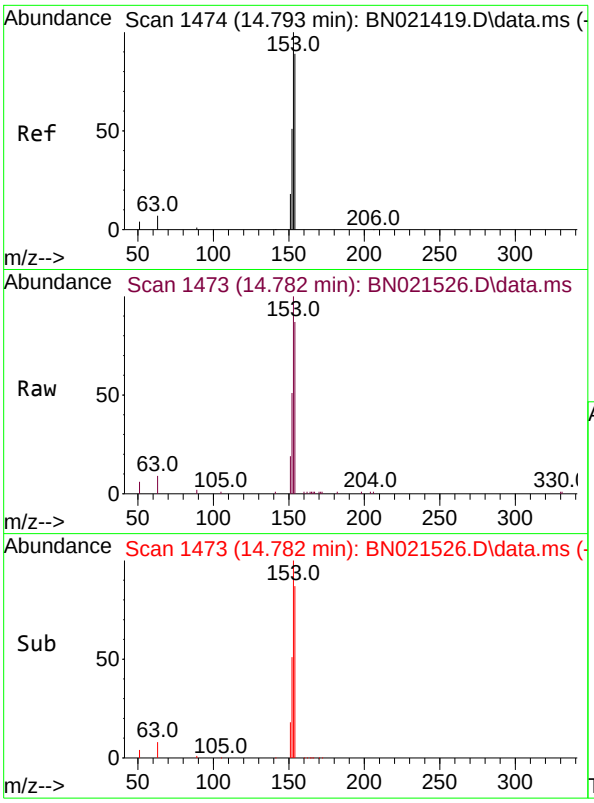


#16
Acenaphthylene
Concen: 0.393 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:152 Resp: 15870

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	12.9	10.3	15.5



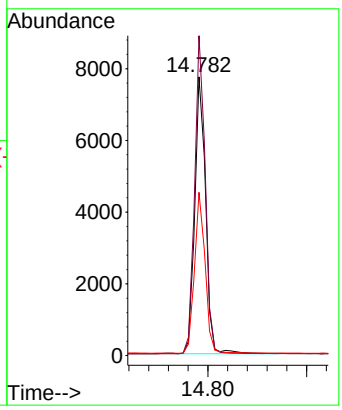


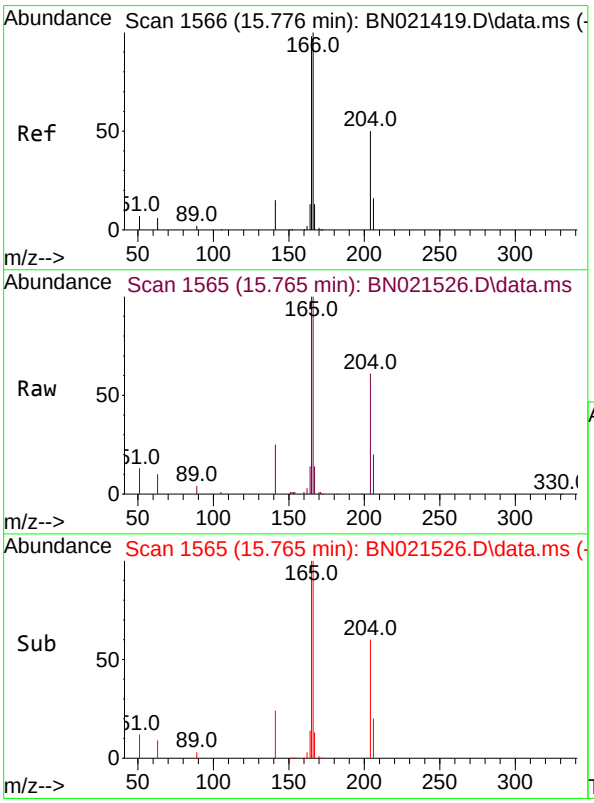
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.782 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11809

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	57.2	45.5	68.3

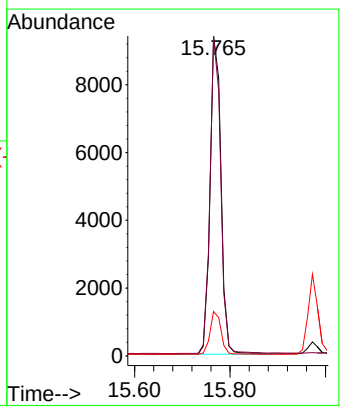


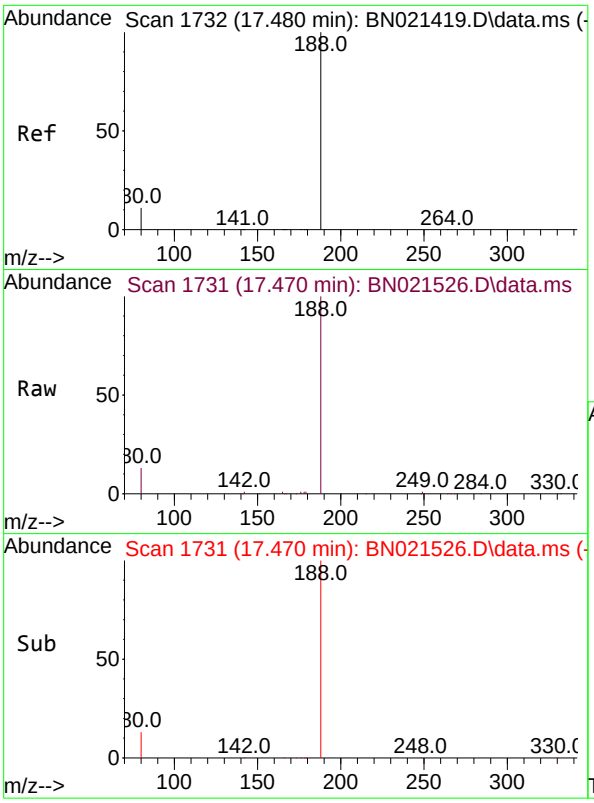


#18
Fluorene
Concen: 0.416 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:166 Resp: 14564

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.5	10.6	16.0



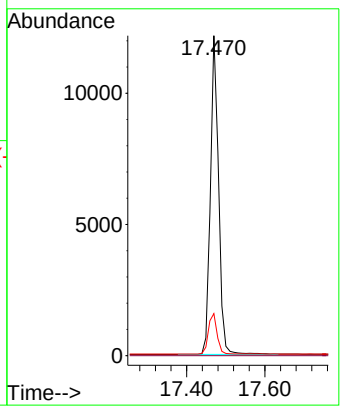


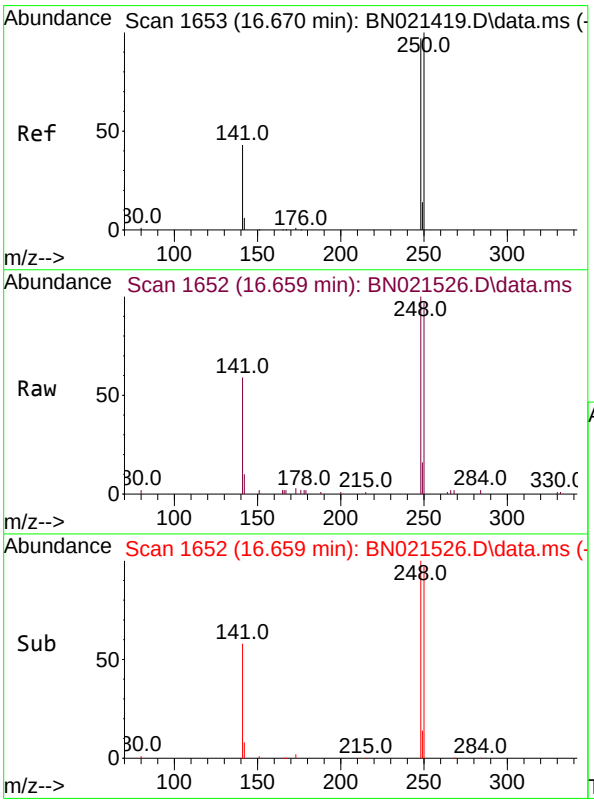
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 17607

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	9.5	14.3

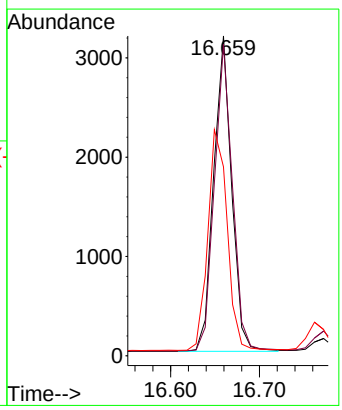


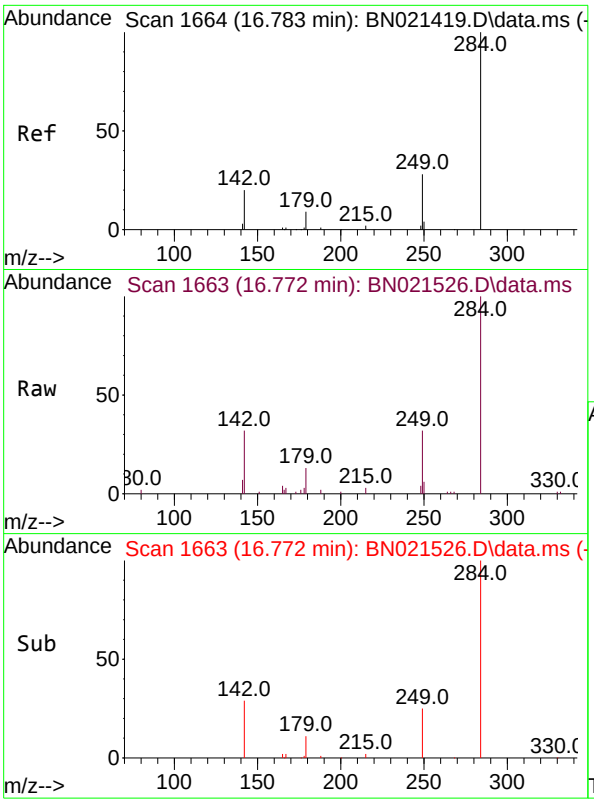


#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.659 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:248 Resp: 4458

Ion	Ratio	Lower	Upper
248	100		
250	97.4	81.8	122.6
141	59.0	38.5	57.7#



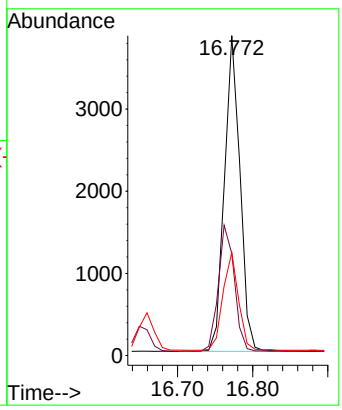


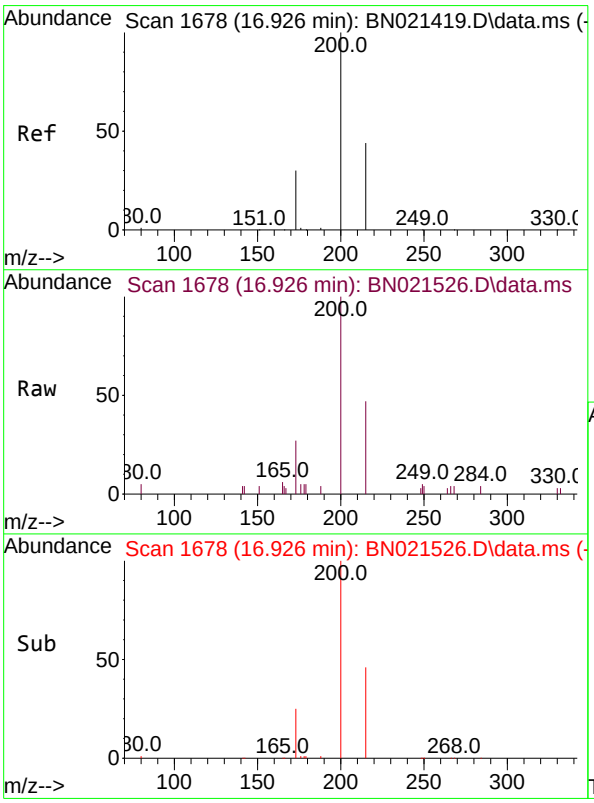
#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5548

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.3	48.5
249	30.9	25.4	38.2

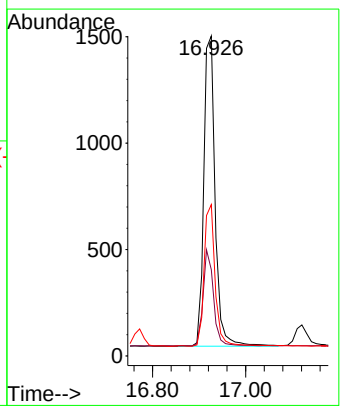


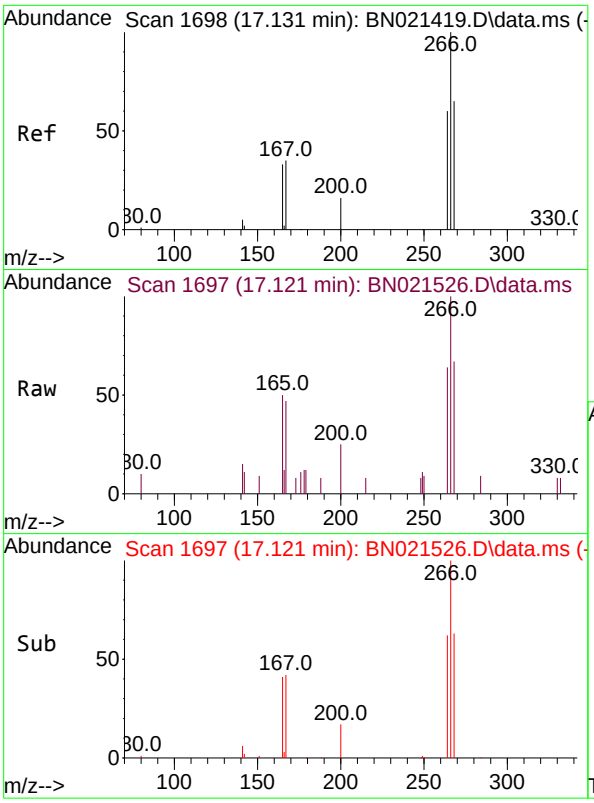


#23
Atrazine
Concen: 0.384 ng
RT: 16.926 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:200 Resp: 2468

Ion	Ratio	Lower	Upper
200	100		
173	26.9	24.3	36.5
215	47.3	38.4	57.6



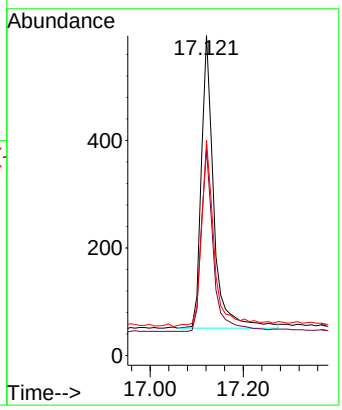


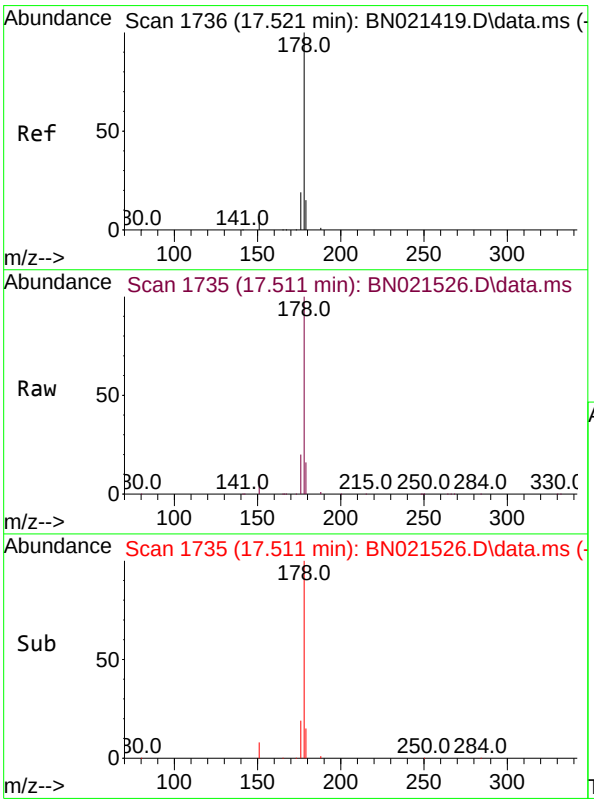
#24
Pentachlorophenol
Concen: 0.452 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.0	73.6
268	65.9	50.9	76.3

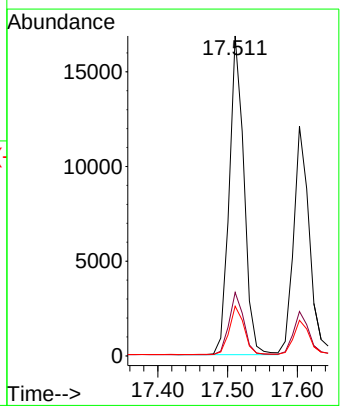


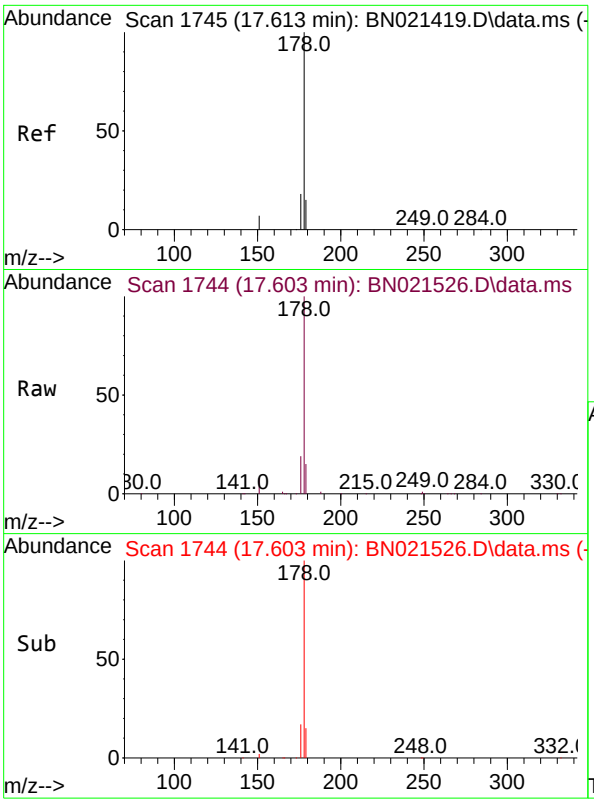


#25
Phenanthrene
Concen: 0.407 ng
RT: 17.511 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:178 Resp: 24726

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.2	12.2	18.4



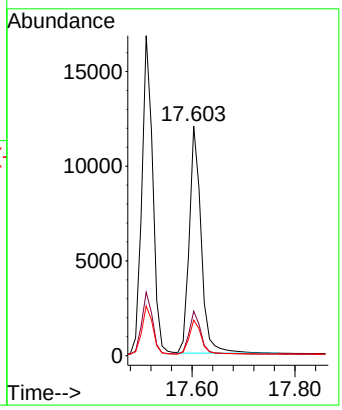


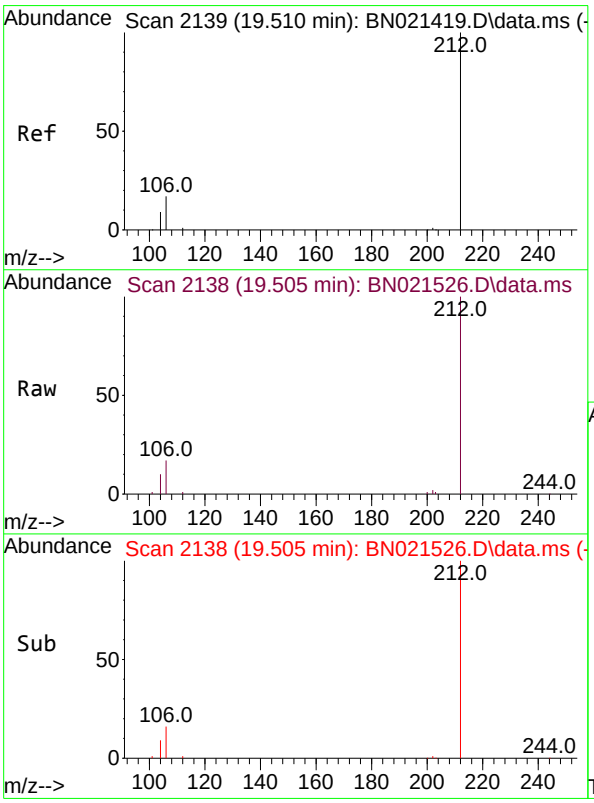
#26
Anthracene
Concen: 0.396 ng
RT: 17.603 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 19102

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.2	12.2	18.2

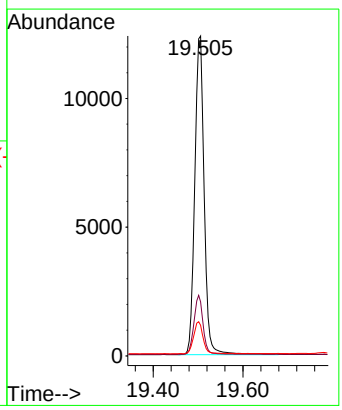


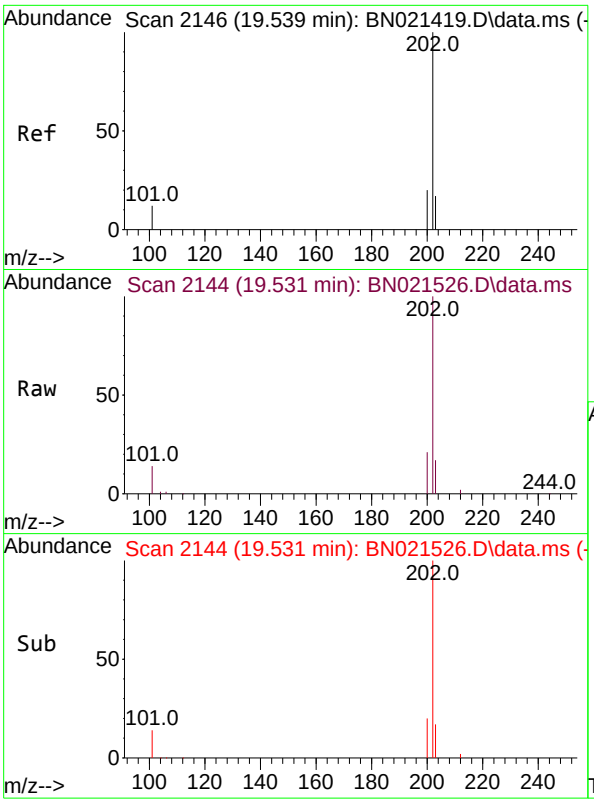


#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.505 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:212 Resp: 17989

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.2	21.2
104	10.2	7.8	11.6



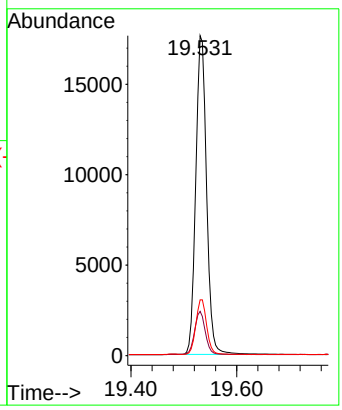


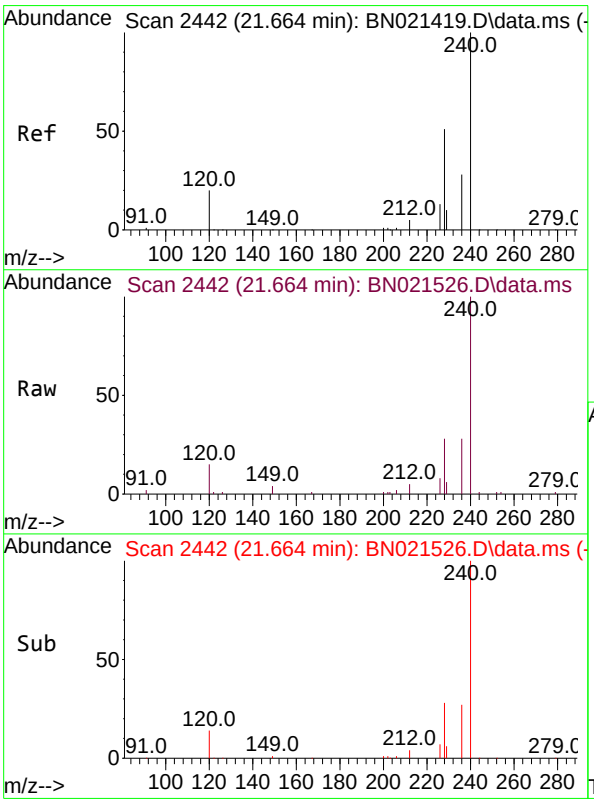
#28
Fluoranthene
Concen: 0.394 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 24881

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.1	13.8	20.6

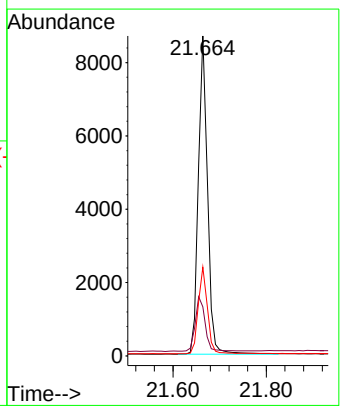


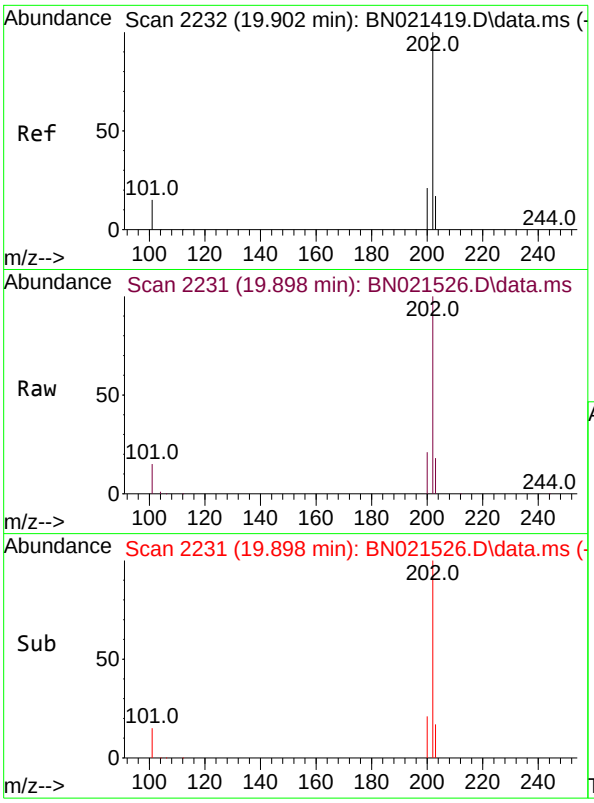


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:240 Resp: 11762

Ion	Ratio	Lower	Upper
240	100		
120	15.3	10.2	15.4
236	27.7	22.1	33.1



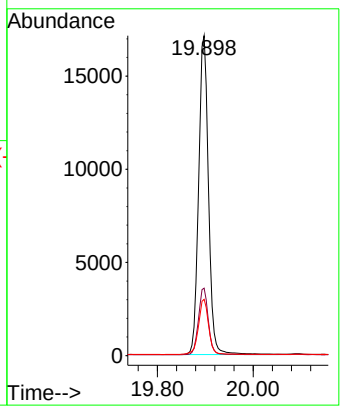


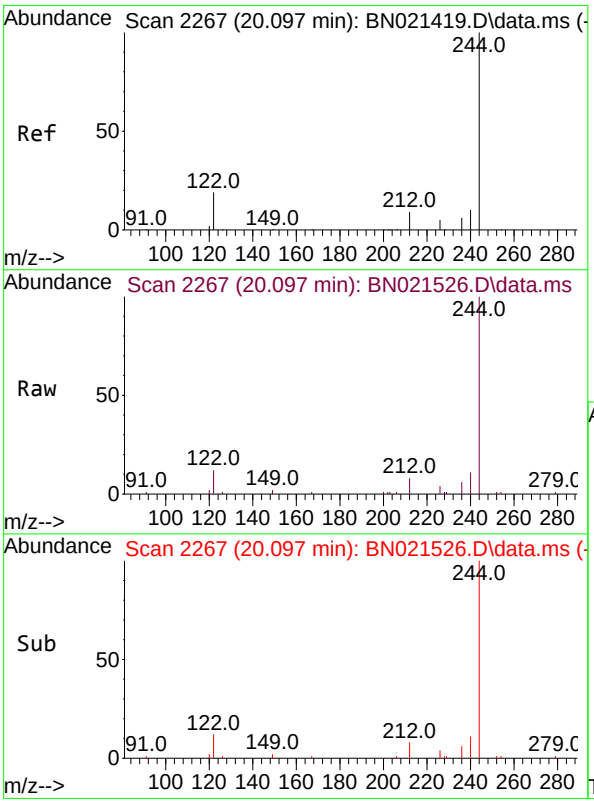
#30
Pyrene
Concen: 0.437 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 27393

Ion	Ratio	Lower	Upper
202	100		
200	19.6	13.9	20.9
203	15.8	11.9	17.9

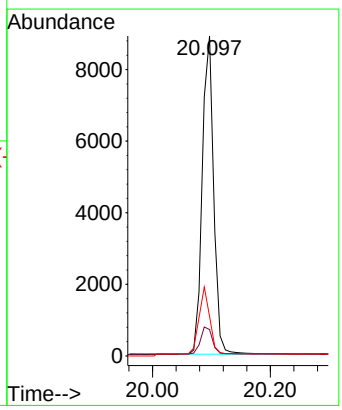


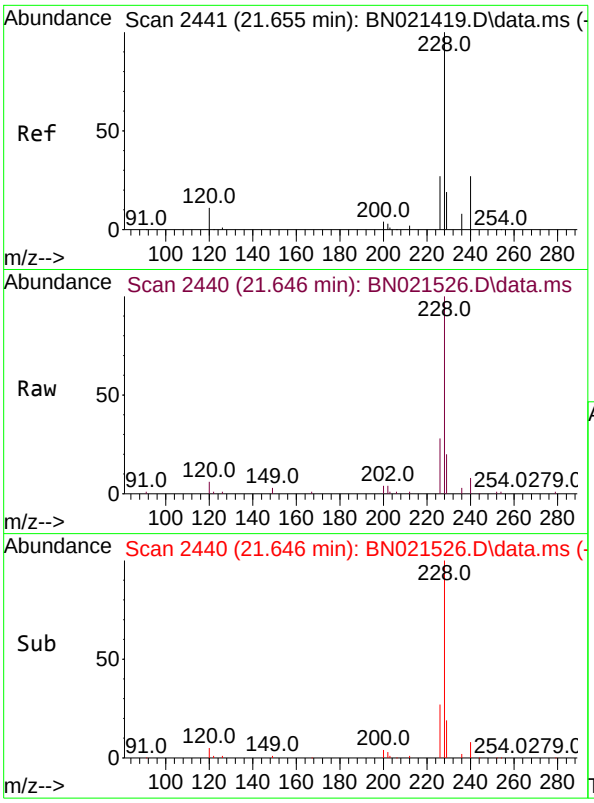


#31
Terphenyl-d14
Concen: 0.453 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:244 Resp: 11963

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.3	9.1	13.7



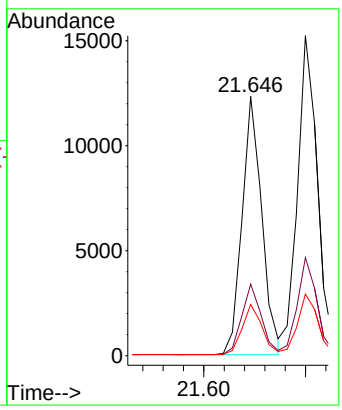


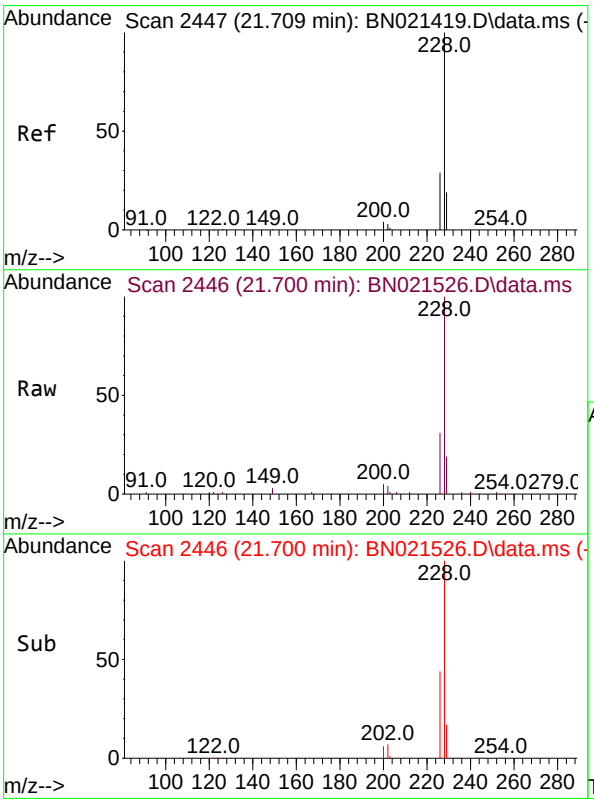
#32
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16564

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.7	15.9	23.9

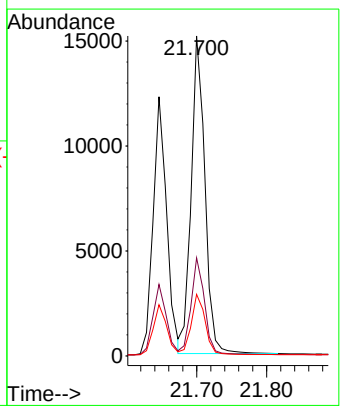


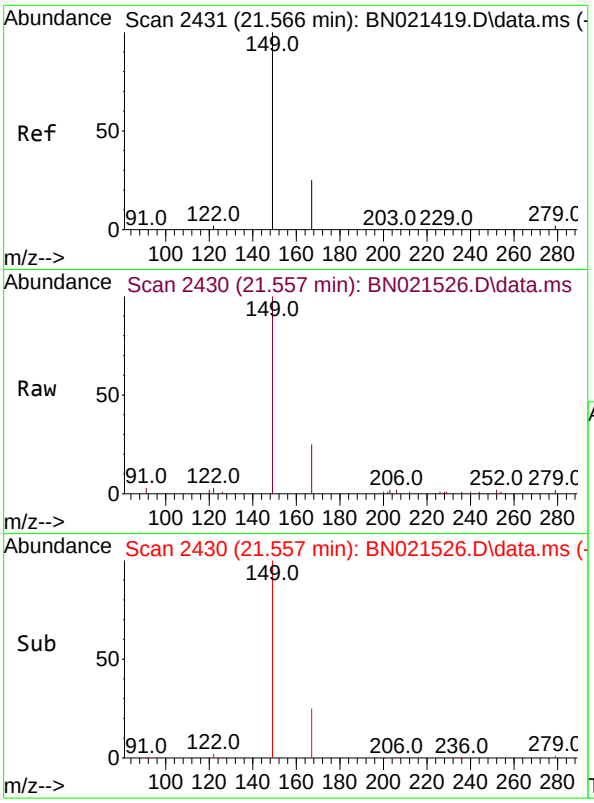


#33
Chrysene
Concen: 0.422 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:228 Resp: 20605

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.2	15.9	23.9



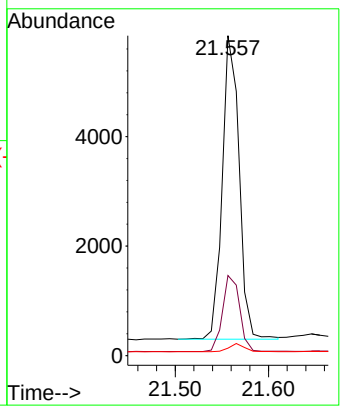


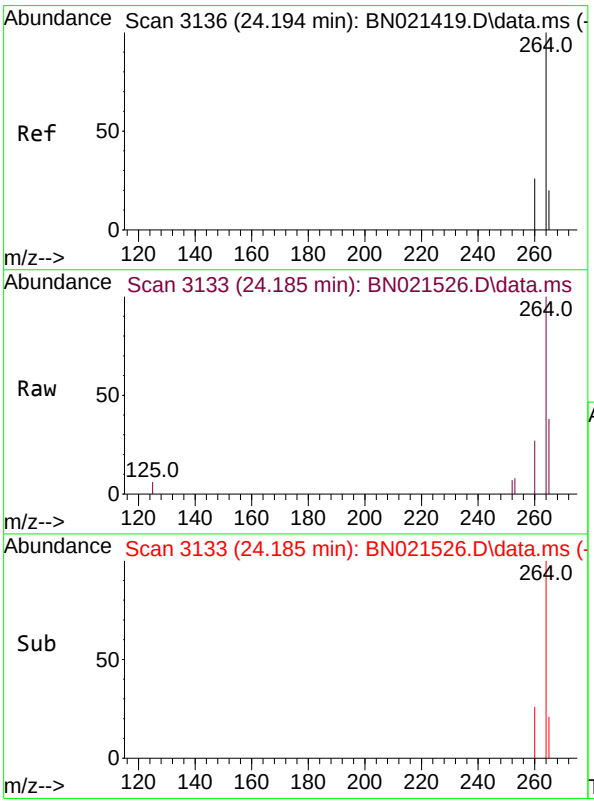
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.423 ng
RT: 21.557 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 6977

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	2.5	2.2	3.2

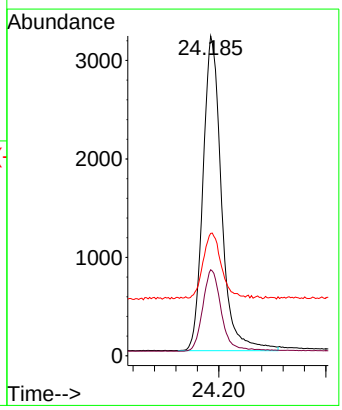


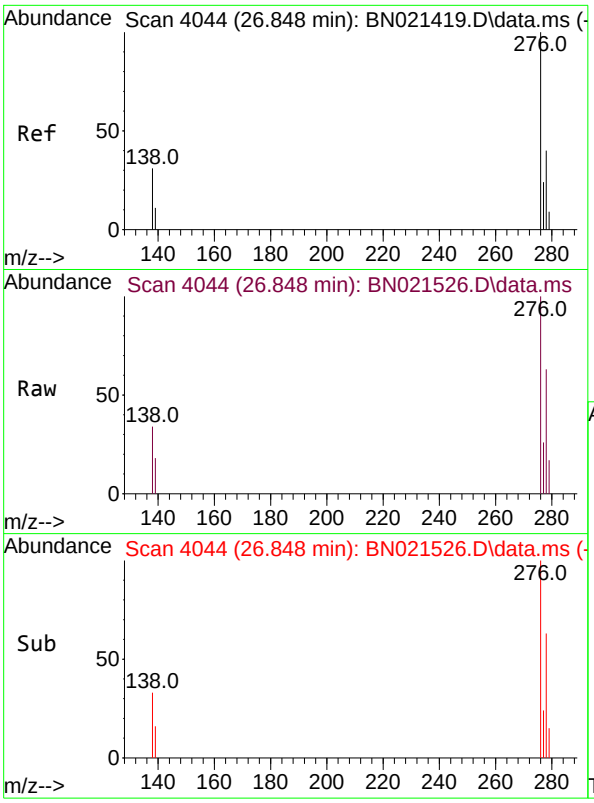


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.185 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:264 Resp: 7690

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	38.2	32.2	48.2



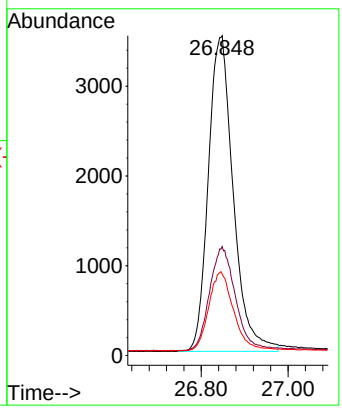


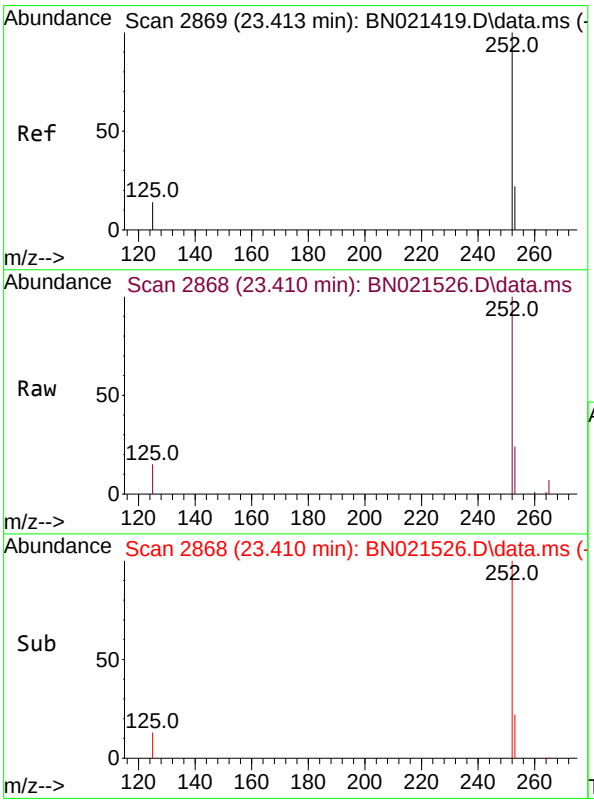
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng
RT: 26.848 min Scan# 40
Delta R.T. 0.009 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13983

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	24.7	19.9	29.9

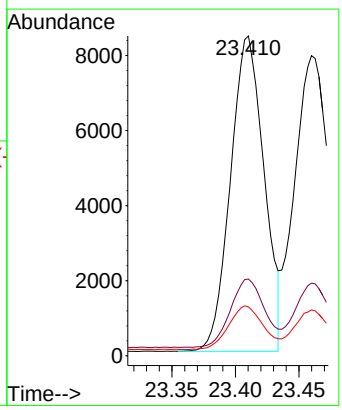


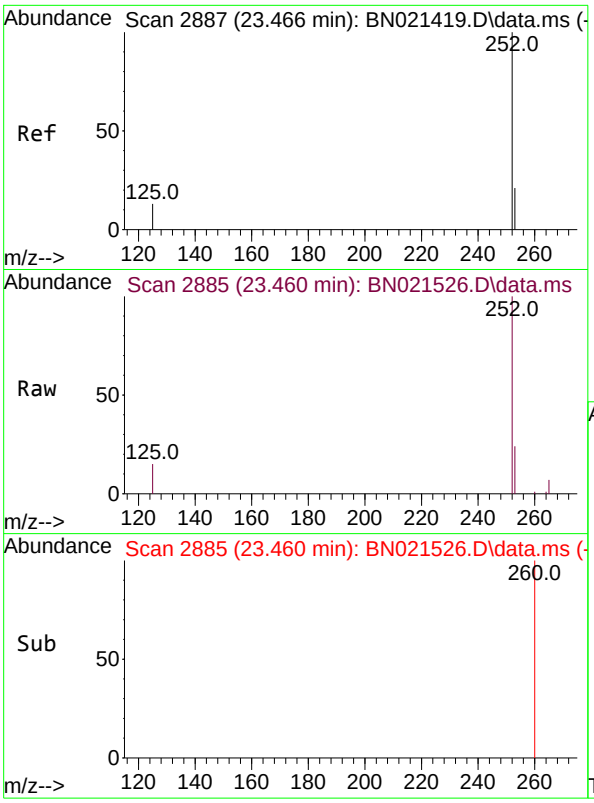


#37
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.410 min Scan# 2868
Delta R.T. 0.003 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:252 Resp: 15411

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.6
125	15.3	13.7	20.5



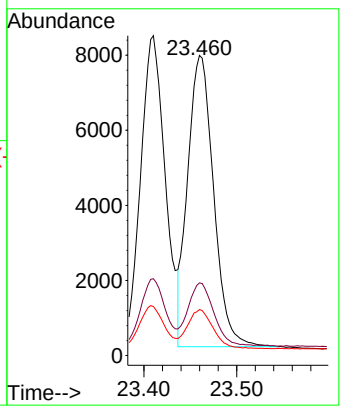


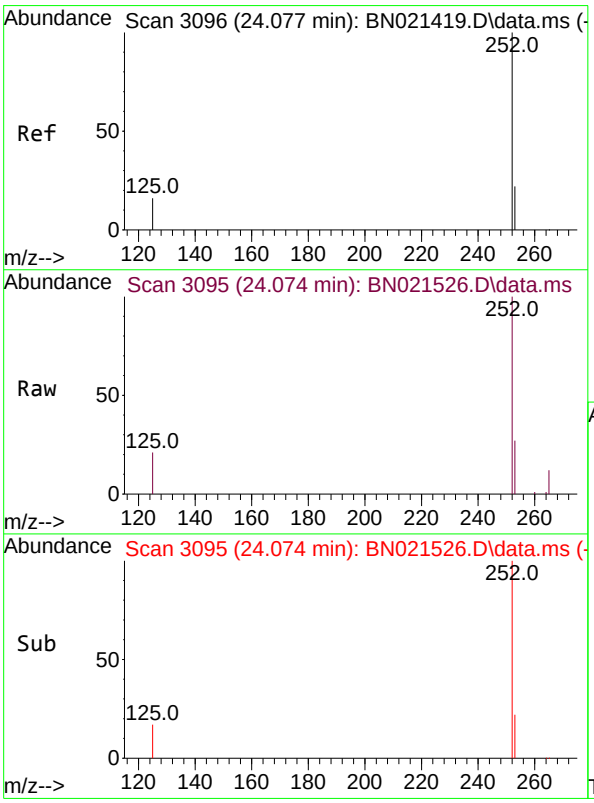
#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.460 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15065

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.5	29.3
125	15.3	12.3	18.5

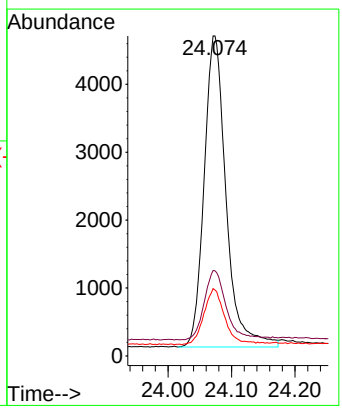


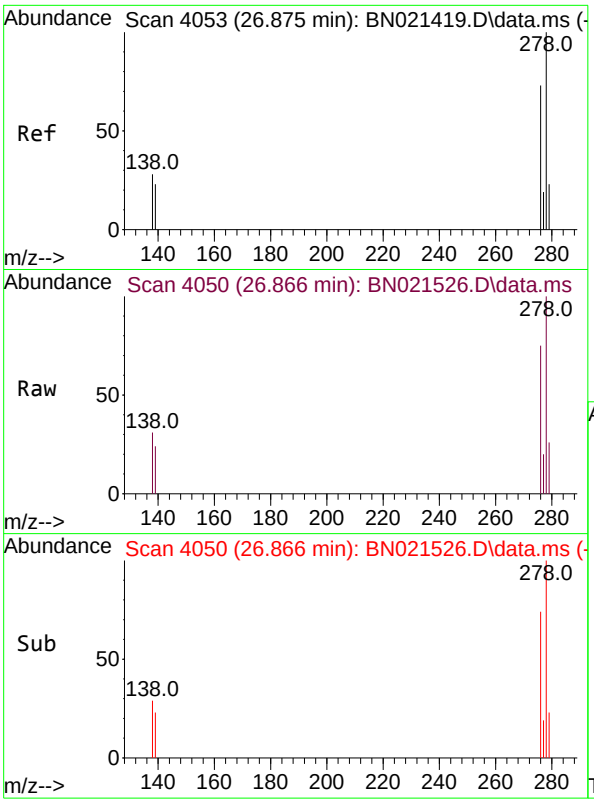


#39
Benzo(a)pyrene
Concen: 0.417 ng
RT: 24.074 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:252 Resp: 11017

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.1	31.7
125	20.6	16.6	25.0



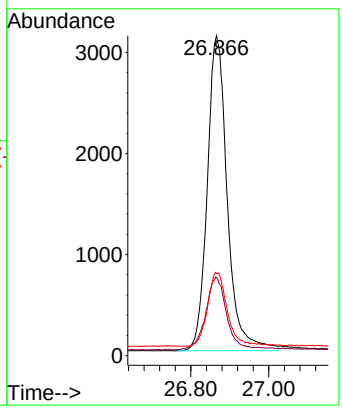


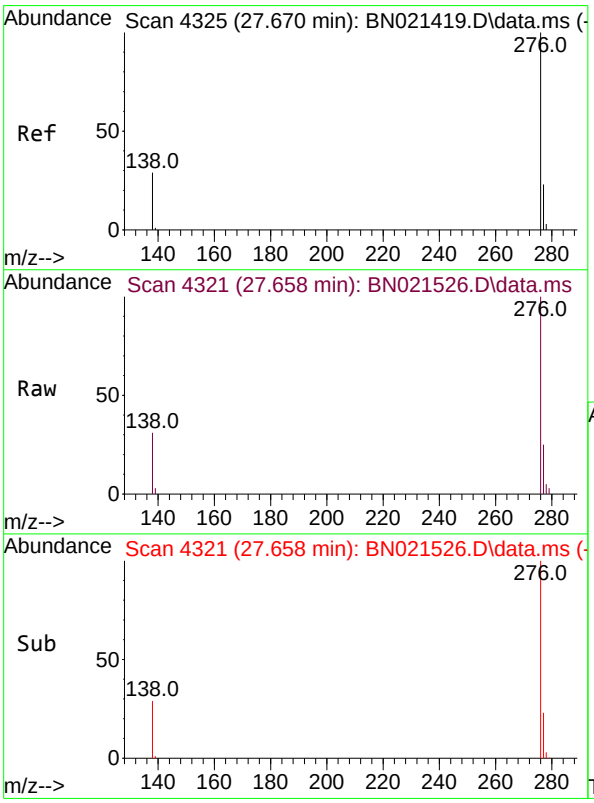
#40
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.866 min Scan# 40
Delta R.T. 0.009 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 11110

Ion	Ratio	Lower	Upper
278	100		
139	24.5	21.8	32.6
279	25.7	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 27.658 min Scan# 4321
Delta R.T. 0.006 min
Lab File: BN021526.D
Acq: 01 Sep 2022 15:32

Tgt Ion:276 Resp: 11941

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	30.6	23.7	35.5