Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021499.D
Acq On : 31 Aug 2022 20:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 01 03:22:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	4936	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15748	0.400	ng	-0.01
13) Acenaphthene-d10	14.729	164	8955	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	18253	0.400	ng	#-0.01
29) Chrysene-d12	21.664	240	13655	0.400	ng	0.00
35) Perylene-d12	24.188	264	9837	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4441	0.460	ng	0.00
5) Phenol-d6	7.217	99	5552	0.451	ng	0.00
8) Nitrobenzene-d5	9.243	82	4440	0.417	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	16888	0.476	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1191	0.405	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	15957	0.408	ng	-0.01
27) Fluoranthene-d10	19.506	212	19185	0.409	ng	0.00
31) Terphenyl-d14	20.097	244	13288	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2630	0.426	ng	# 87
3) n-Nitrosodimethylamine	3.743	42	2442	0.439	ng	94
6) bis(2-Chloroethyl)ether	7.484	93	6543	0.422	ng	97
9) Naphthalene	10.952	128	19116	0.410	ng	99
10) Hexachlorobutadiene	11.240	225	3354	0.415	ng	# 99
12) 2-Methylnaphthalene	12.184	142	2737	0.479	ng	# 95
16) Acenaphthylene	14.451	152	16732	0.398	ng	100
17) Acenaphthene	14.782	154	12169	0.411	ng	99
18) Fluorene	15.776	166	15028	0.412	ng	99
21) 4-Bromophenyl-phenylether	16.660	248	4641	0.406	ng	# 85
22) Hexachlorobenzene	16.772	284	5722	0.410	ng	99
23) Atrazine	16.926	200	2679	0.402	ng	98
24) Pentachlorophenol	17.121	266	1201	0.489	ng	98
25) Phenanthrene	17.511	178	25907	0.411	ng	100
26) Anthracene	17.603	178	20188	0.403	ng	100
28) Fluoranthene	19.535	202	26738	0.408	ng	99
30) Pyrene	19.898	202	29118	0.400	ng	96
32) Benzo(a)anthracene	21.646	228	19801	0.416	ng	100
33) Chrysene	21.700	228	23574	0.416	ng	99
34) Bis(2-ethylhexyl)phtha...	21.557	149	8390	0.438	ng	98
36) Indeno(1,2,3-cd)pyrene	26.843	276	17517	0.394	ng	100
37) Benzo(b)fluoranthene	23.407	252	19425	0.401	ng	97
38) Benzo(k)fluoranthene	23.460	252	18959	0.388	ng	97
39) Benzo(a)pyrene	24.071	252	14418	0.426	ng	98
40) Dibenzo(a,h)anthracene	26.866	278	14013	0.392	ng	96
41) Benzo(g,h,i)perylene	27.661	276	14376	0.367	ng	99

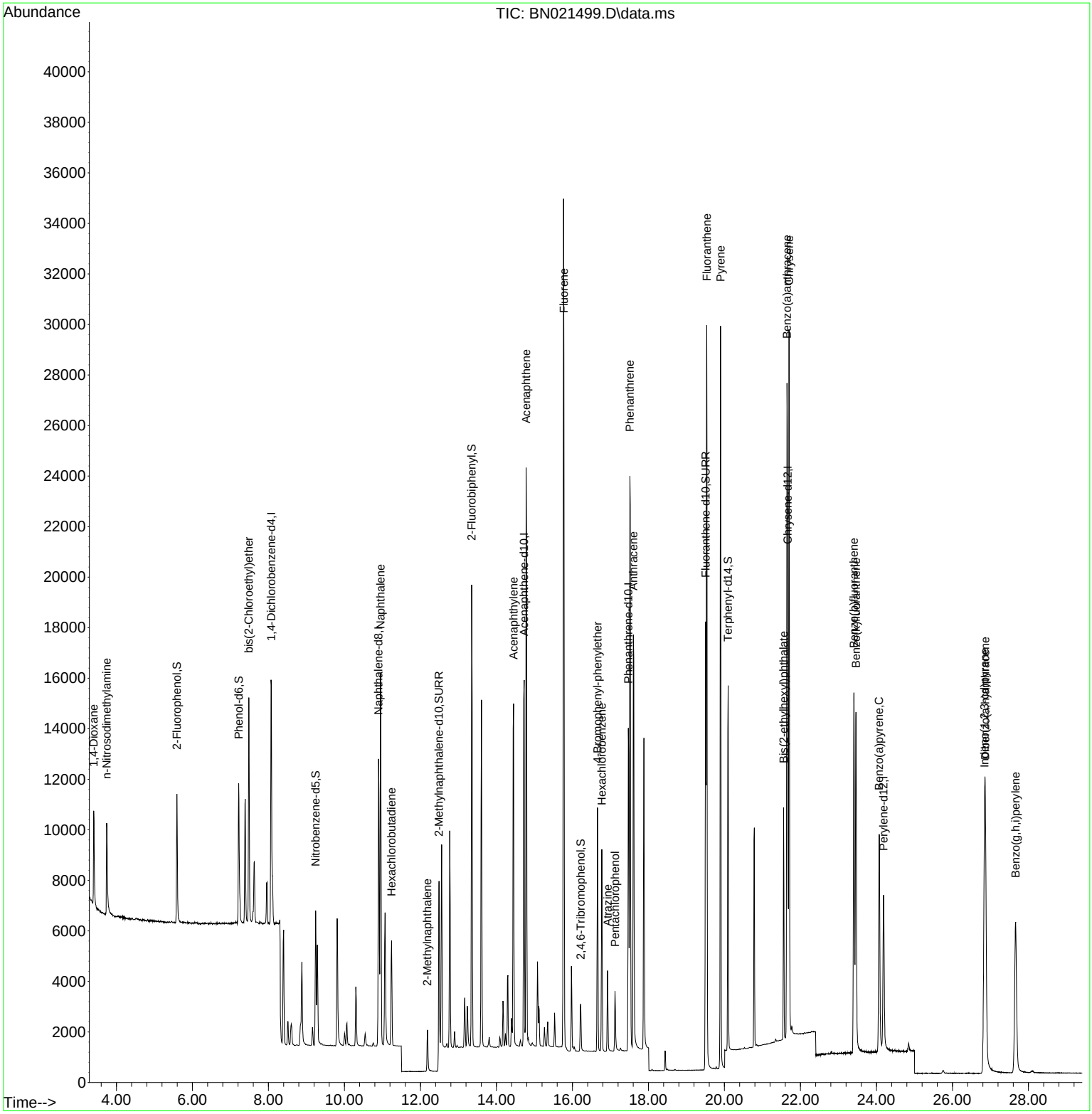
(#) = qualifier out of range (m) = manual integration (+) = signals summed

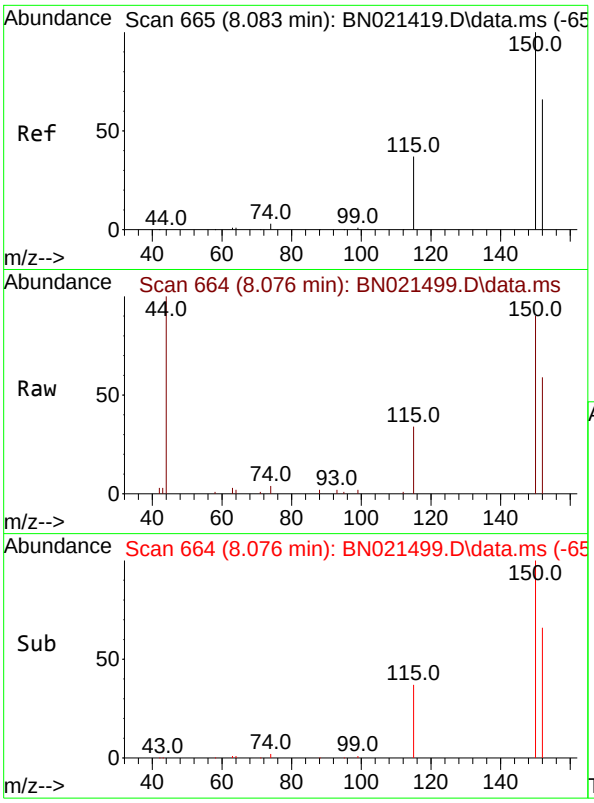
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021499.D
Acq On : 31 Aug 2022 20:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 01 03:22:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



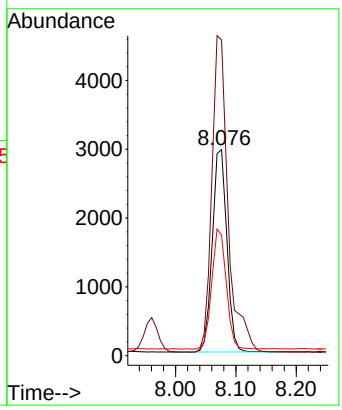


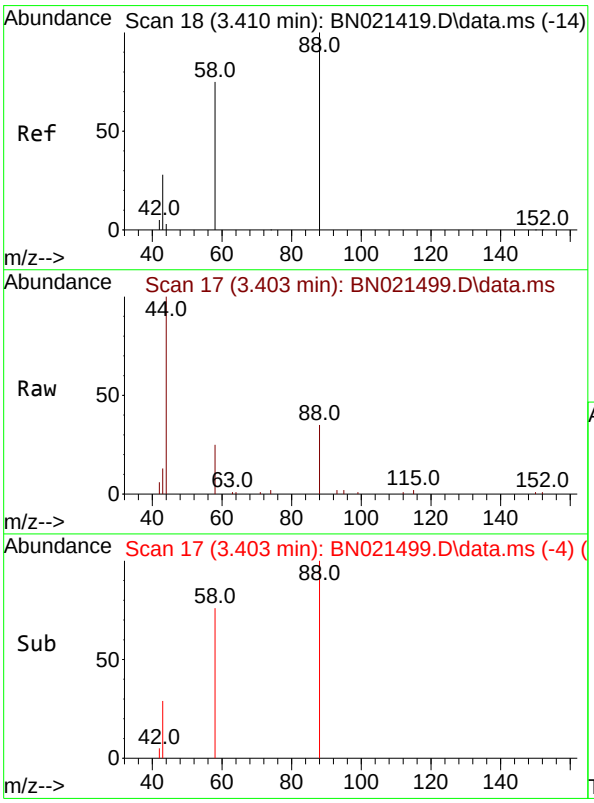
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4936

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.4	182.0
115	58.5	48.6	72.8

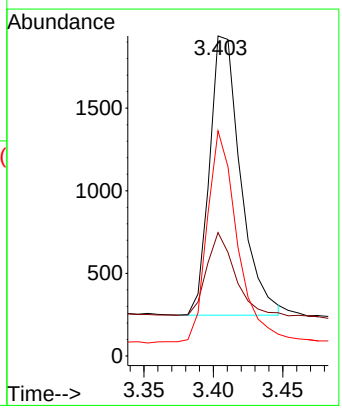


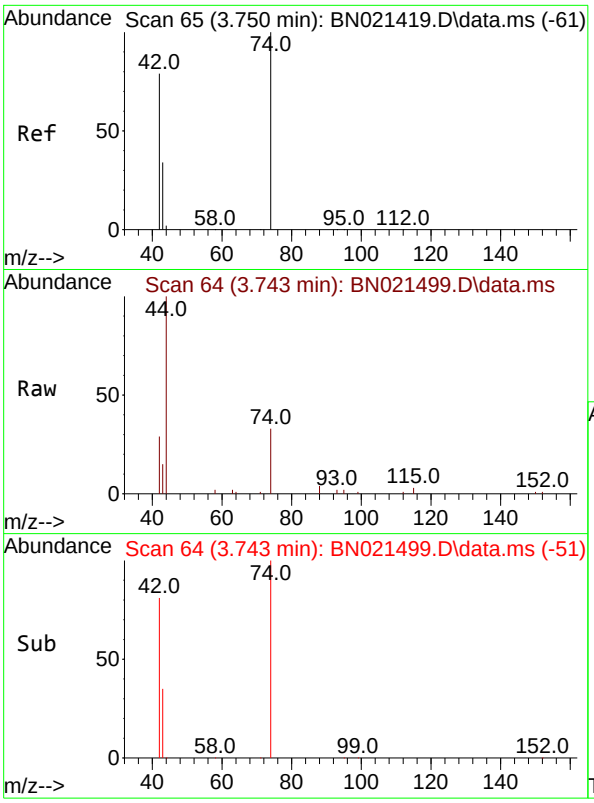


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion: 88 Resp: 2630

Ion	Ratio	Lower	Upper
88	100		
43	26.7	35.8	53.8#
58	74.1	57.1	85.7



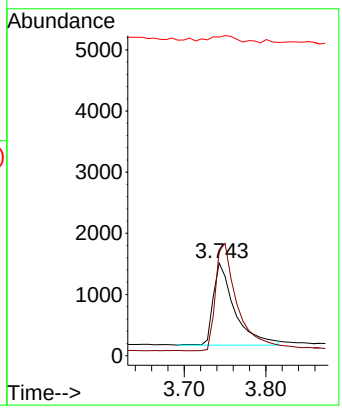


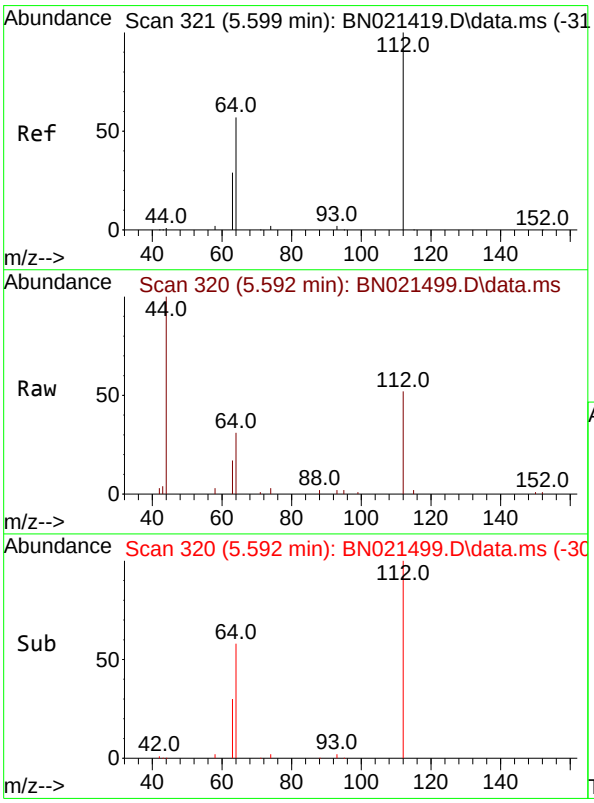
#3
n-Nitrosodimethylamine
Concen: 0.439 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2442

Ion	Ratio	Lower	Upper
42	100		
74	133.8	113.0	169.6
44	12.0	10.5	15.7

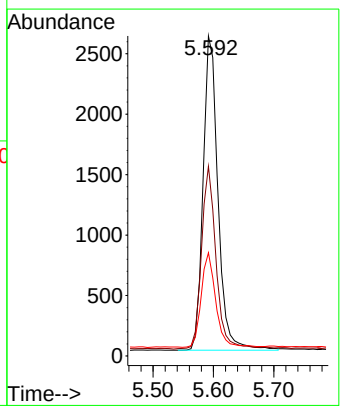


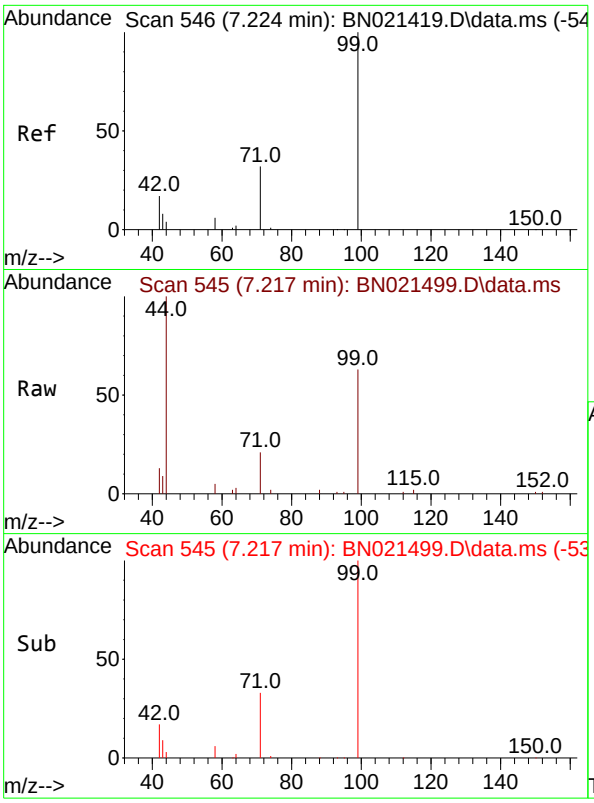


#4
2-Fluorophenol
Concen: 0.460 ng
RT: 5.592 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:112 Resp: 4441

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.5	65.3
63	29.4	22.6	34.0



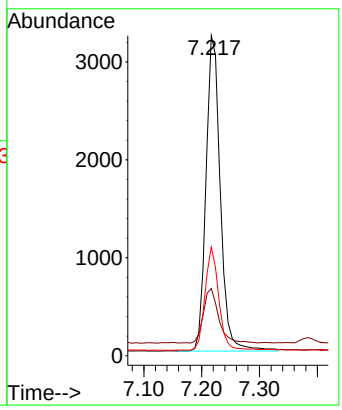


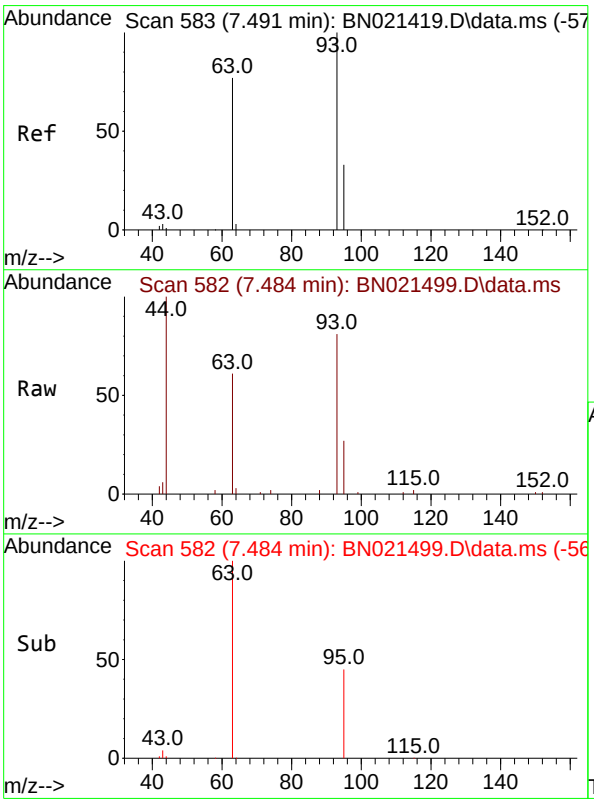
#5
Phenol-d6
Concen: 0.451 ng
RT: 7.217 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5552

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.5	23.3
71	31.5	24.2	36.2

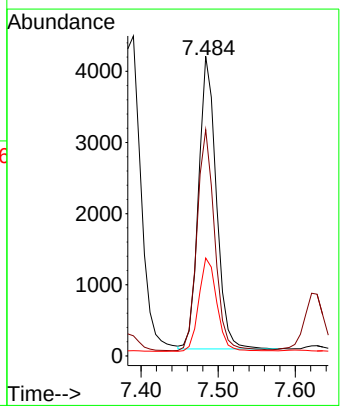


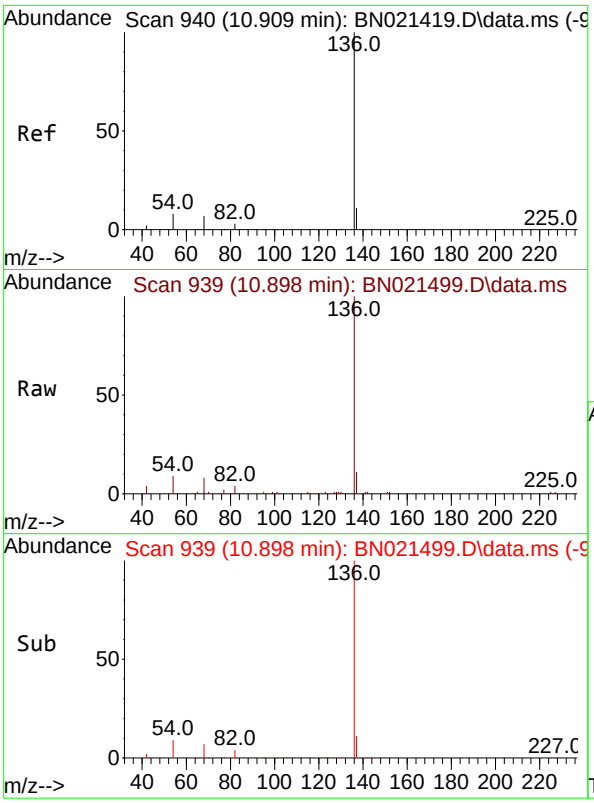


#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 7.484 min Scan# 582
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion: 93 Resp: 6543

Ion	Ratio	Lower	Upper
93	100		
63	75.2	57.8	86.8
95	32.6	25.9	38.9



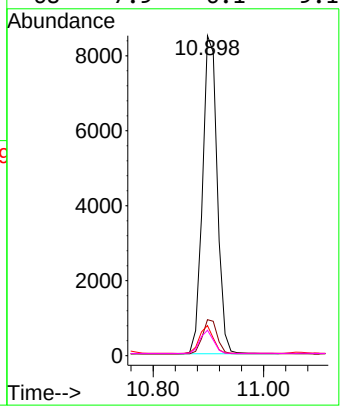


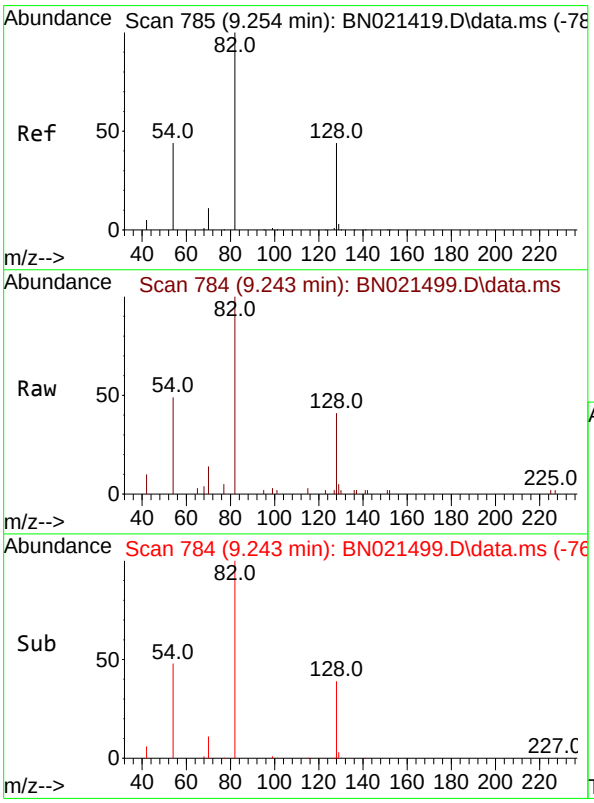
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15748

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	9.4	6.9	10.3
68	7.9	6.1	9.1

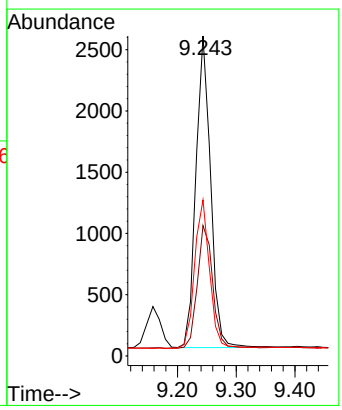


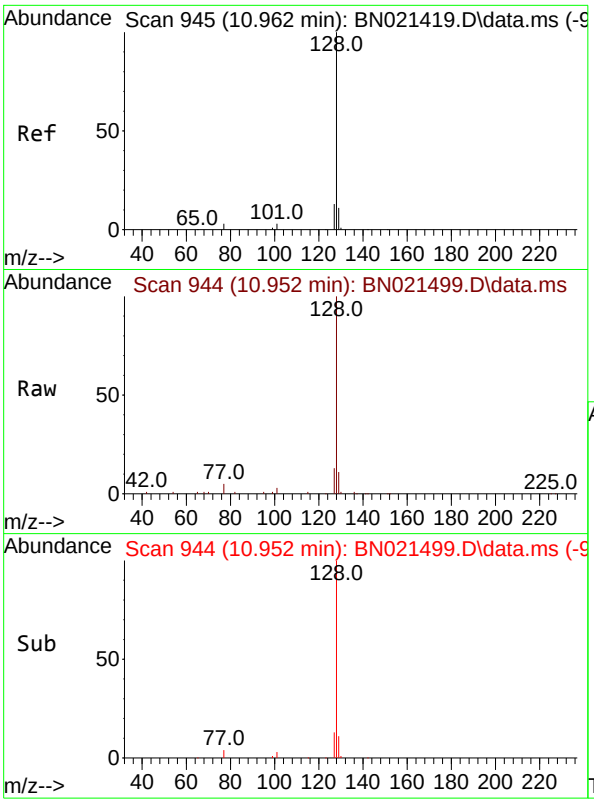


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion: 82 Resp: 4440

Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.9	46.3
54	48.8	42.7	64.1



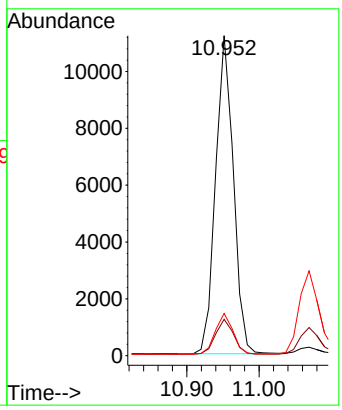


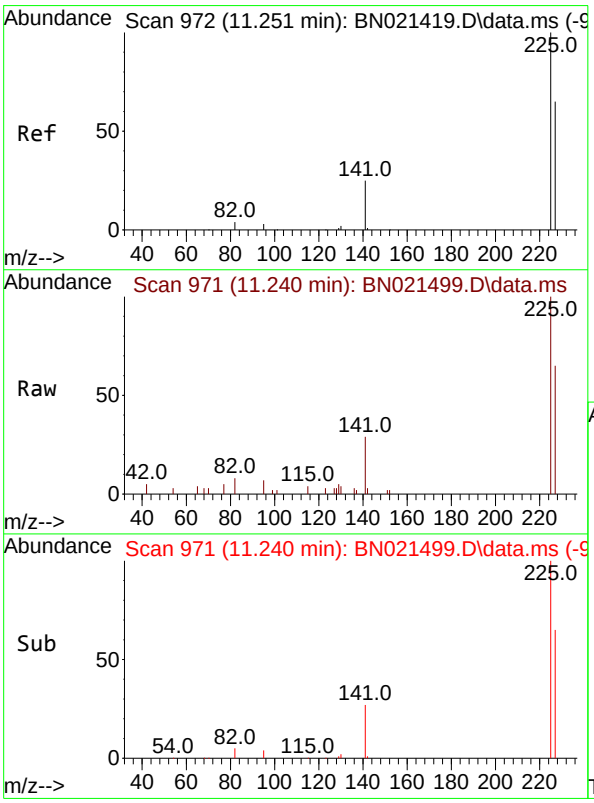
#9
Naphthalene
Concen: 0.410 ng
RT: 10.952 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19116

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.2	11.0	16.4

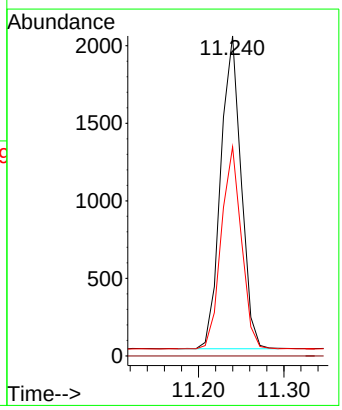


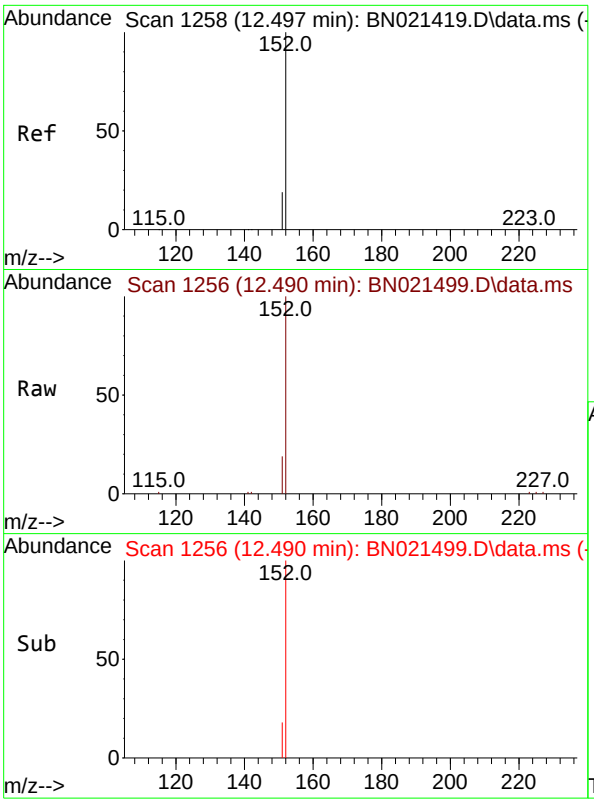


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:225 Resp: 3354

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



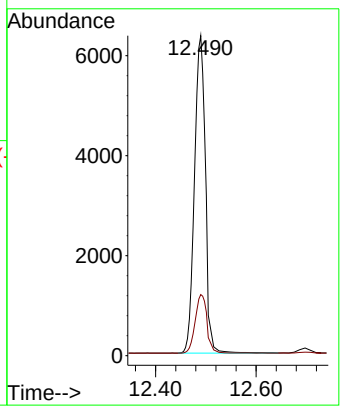


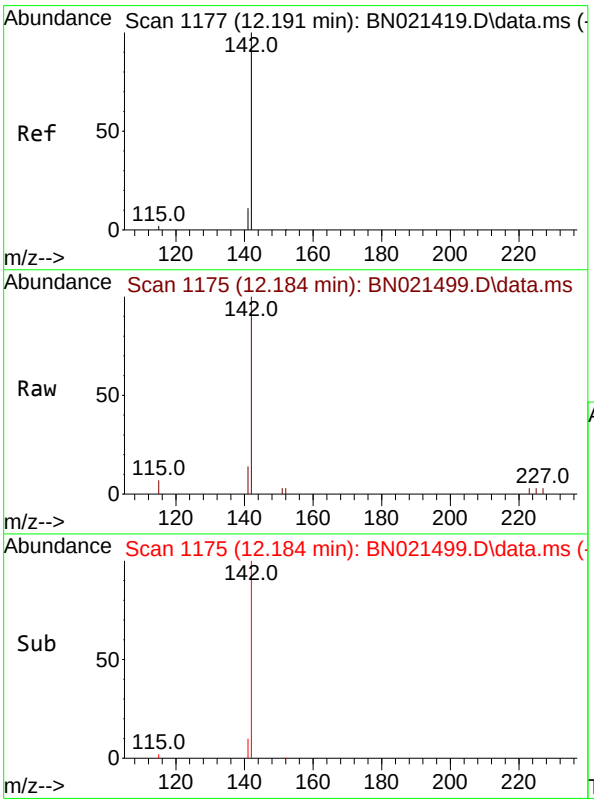
#11
2-Methylnaphthalene-d10
Concen: 0.476 ng
RT: 12.490 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16888

Ion	Ratio	Lower	Upper
152	100		
151	18.5	14.5	21.7

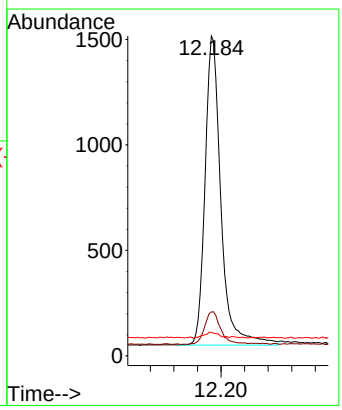


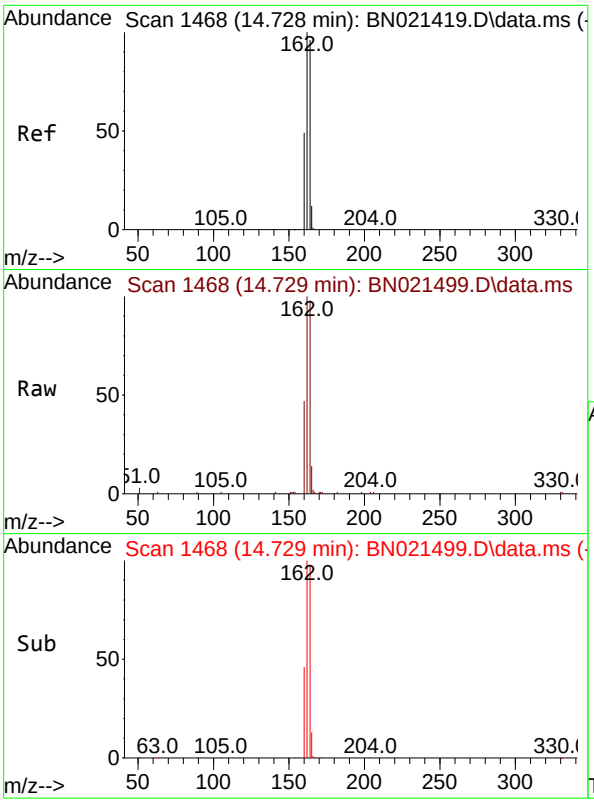


#12
2-Methylnaphthalene
Concen: 0.479 ng
RT: 12.184 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:142 Resp: 2737

Ion	Ratio	Lower	Upper
142	100		
141	13.7	12.2	18.2
115	7.4	7.9	11.9#



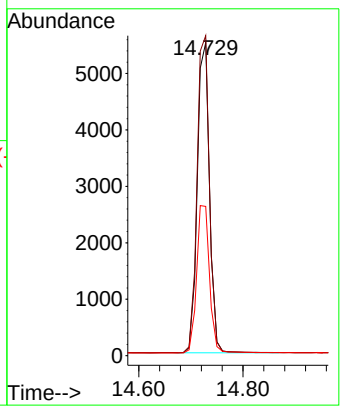


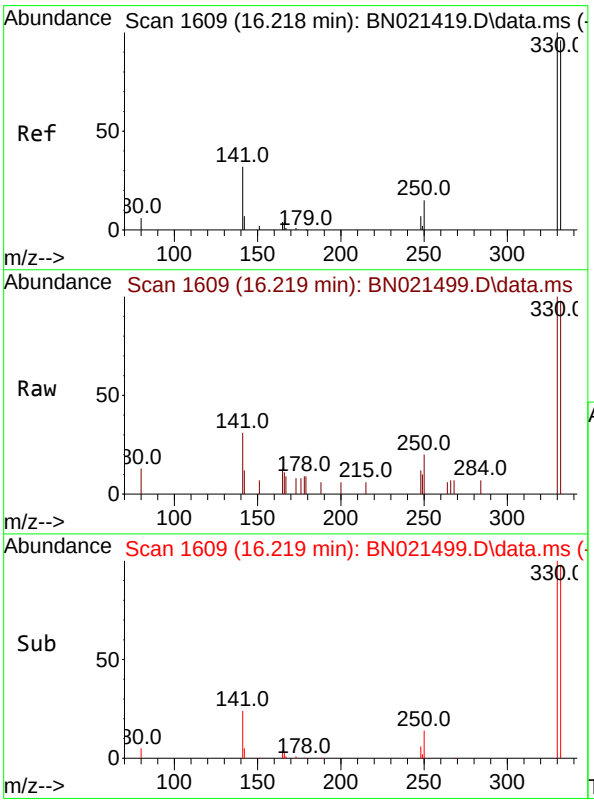
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8955

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.4
160	47.7	39.5	59.3

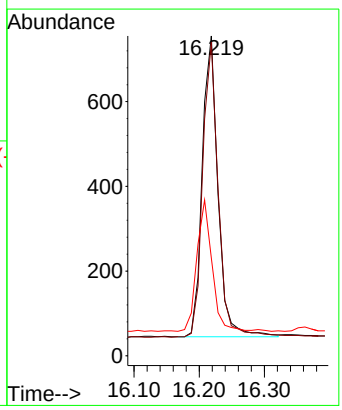


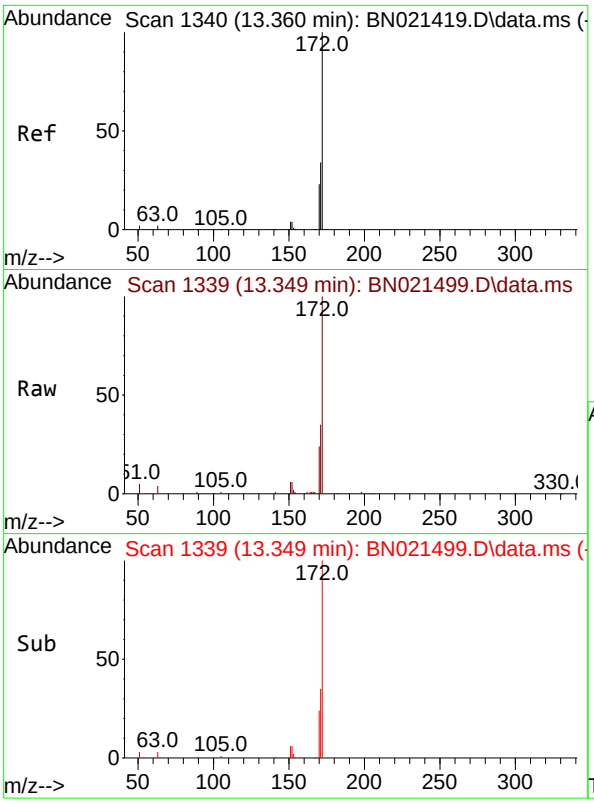


#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:330 Resp: 1191

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.3	118.9
141	42.1	37.1	55.7



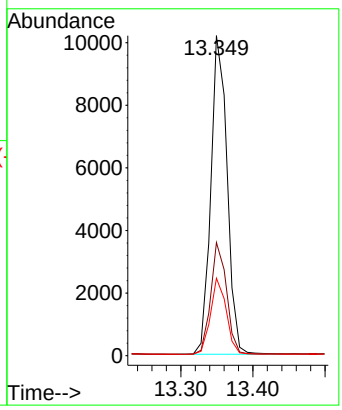


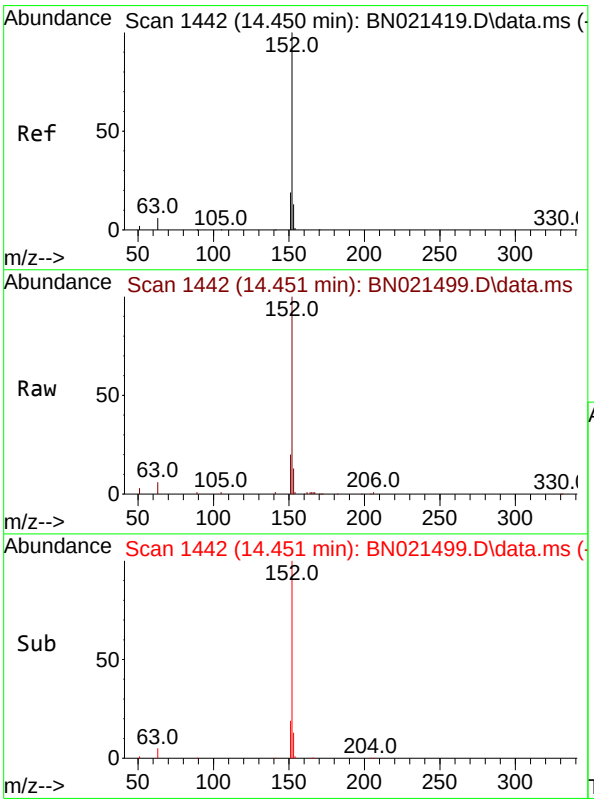
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15957

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	24.2	18.6	28.0

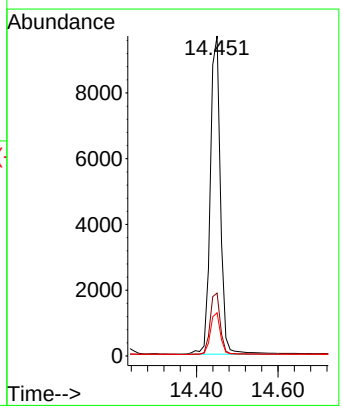


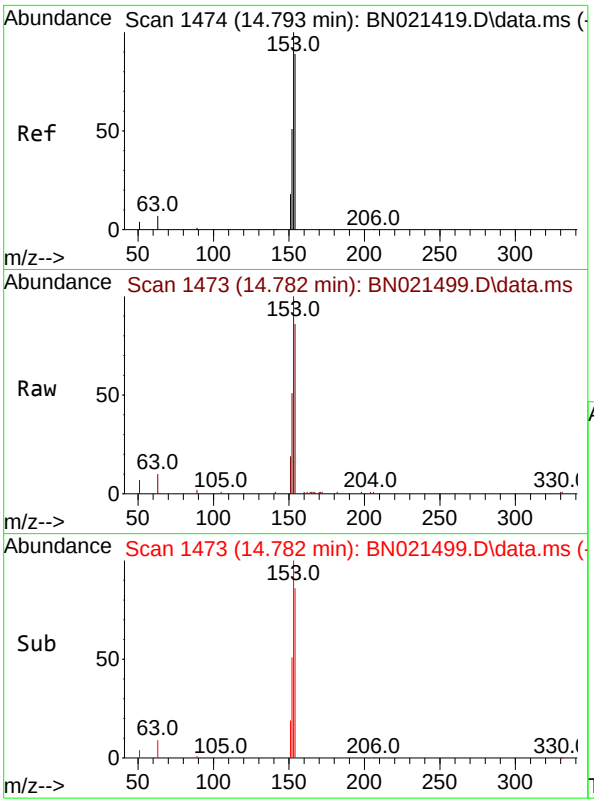


#16
Acenaphthylene
Concen: 0.398 ng
RT: 14.451 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:152 Resp: 16732

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	13.0	10.3	15.5



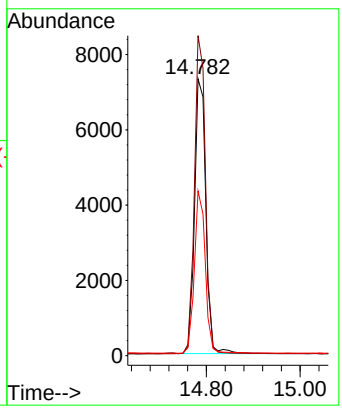


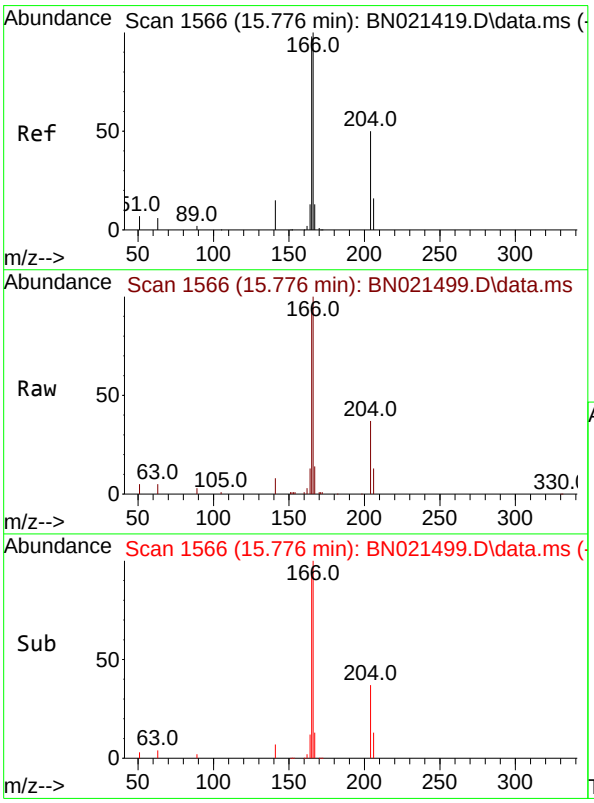
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.782 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12169

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.5	134.3
152	57.1	45.5	68.3

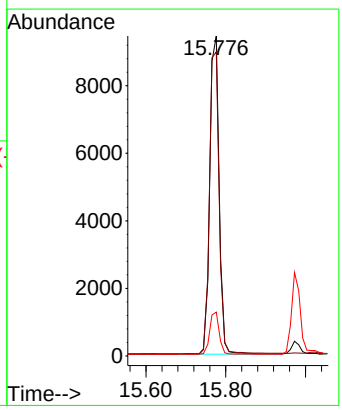


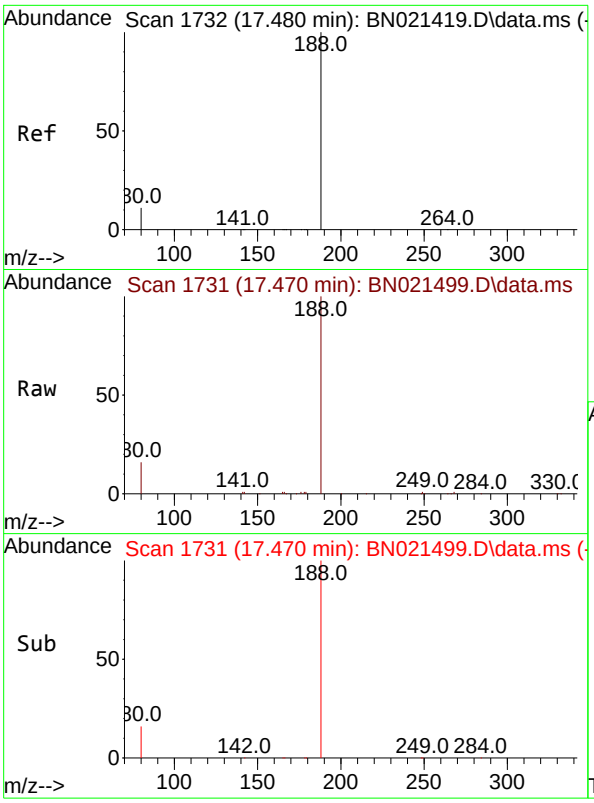


#18
Fluorene
Concen: 0.412 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:166 Resp: 15028

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.7	118.1
167	13.4	10.6	16.0



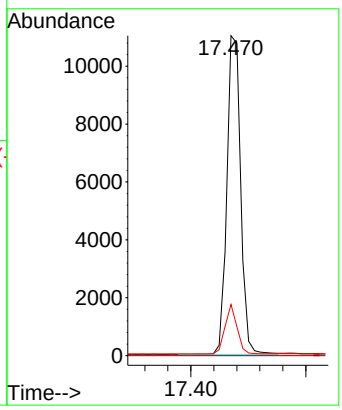


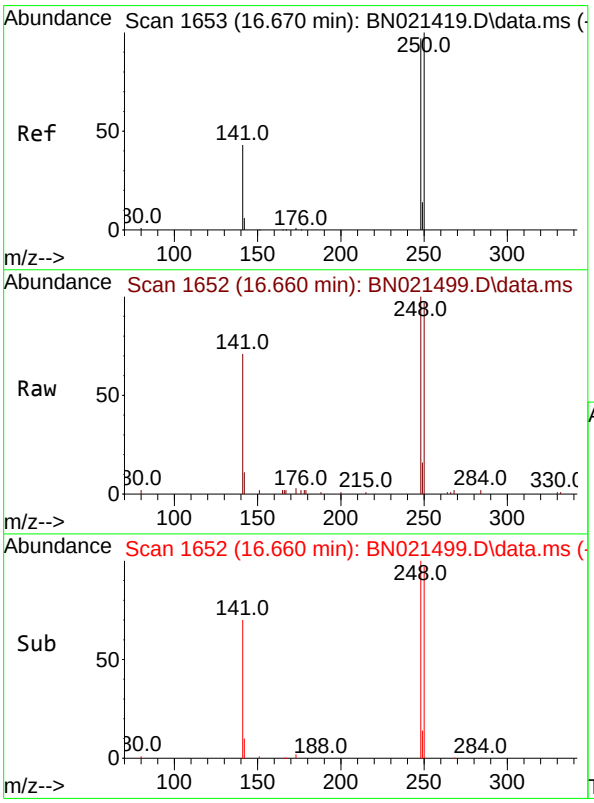
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18253

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.0	9.5	14.3#

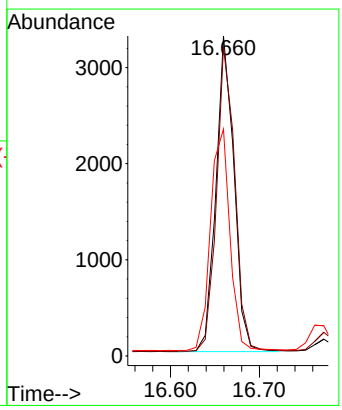


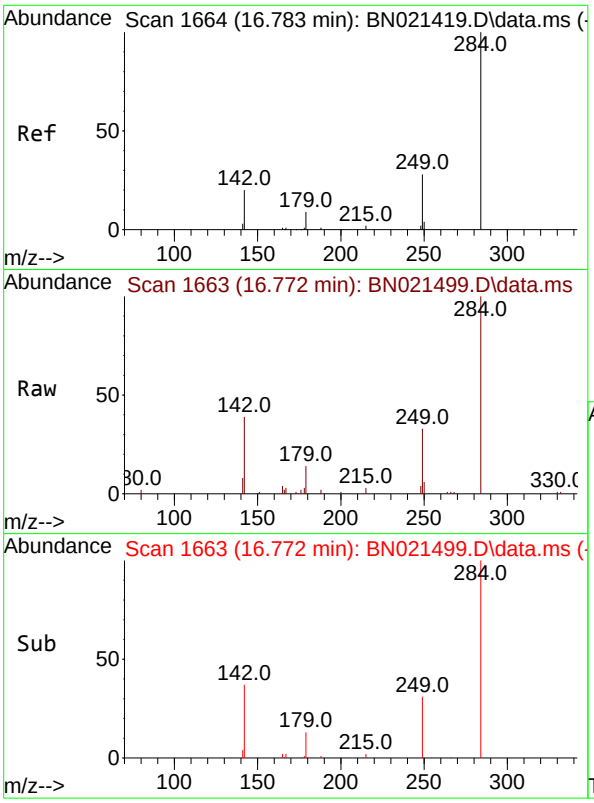


#21
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.660 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:248 Resp: 4641

Ion	Ratio	Lower	Upper
248	100		
250	96.7	81.8	122.6
141	70.9	38.5	57.7#



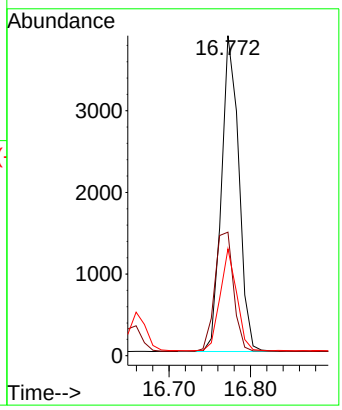


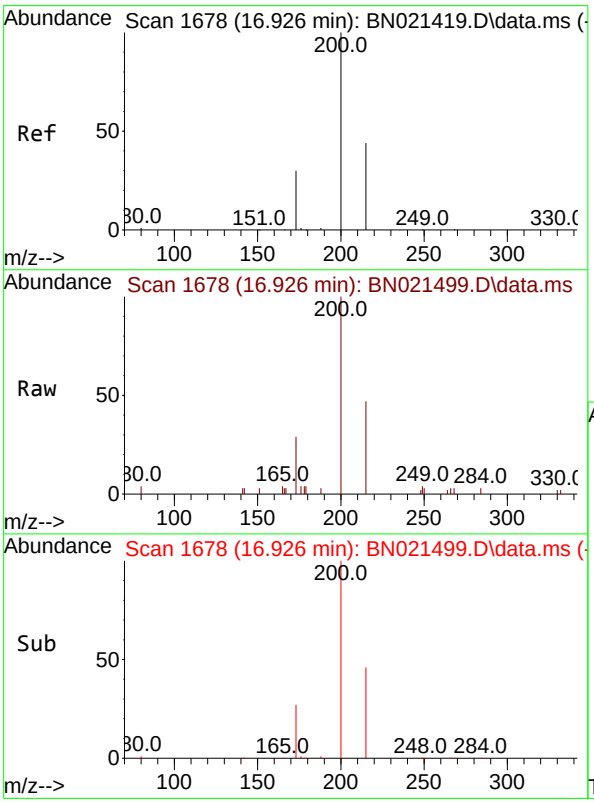
#22
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5722

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.3	48.5
249	30.8	25.4	38.2

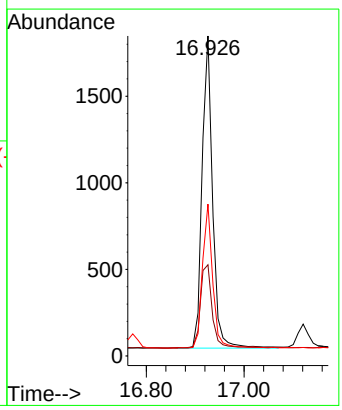


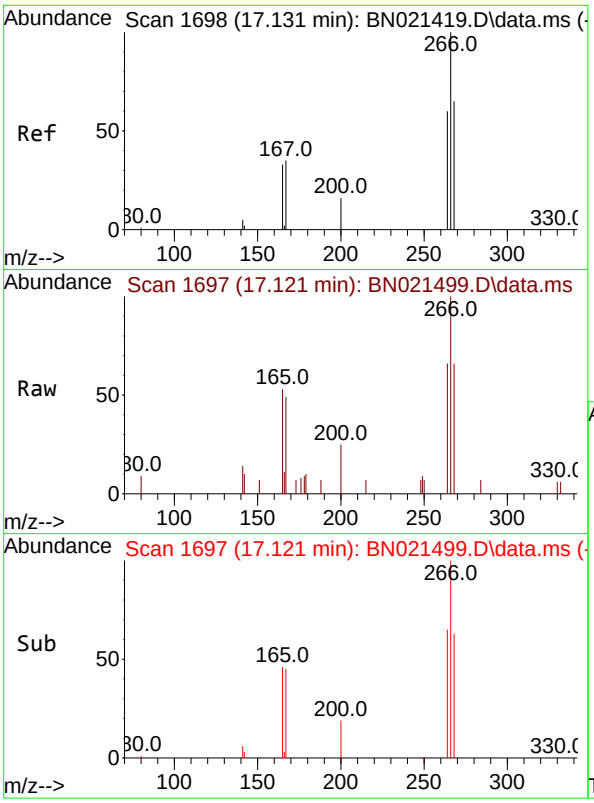


#23
Atrazine
Concen: 0.402 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:200 Resp: 2679

Ion	Ratio	Lower	Upper
200	100		
173	28.5	24.3	36.5
215	47.5	38.4	57.6



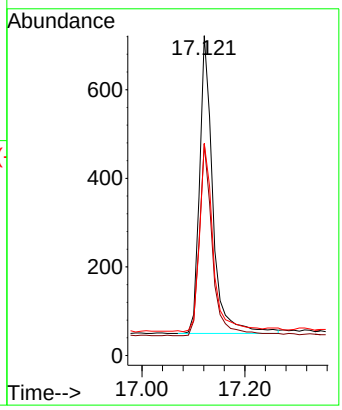


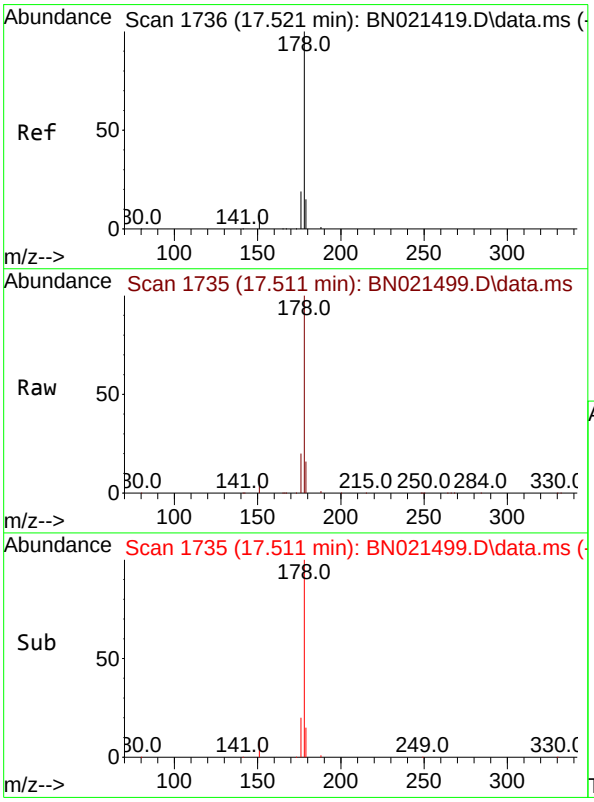
#24
Pentachlorophenol
Concen: 0.489 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 1201

Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.0	73.6
268	63.7	50.9	76.3

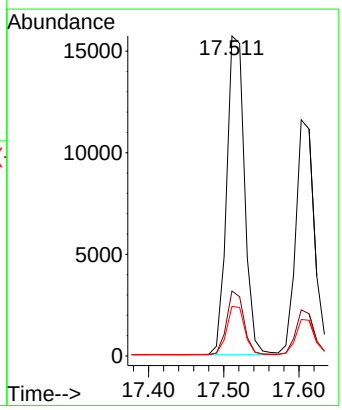


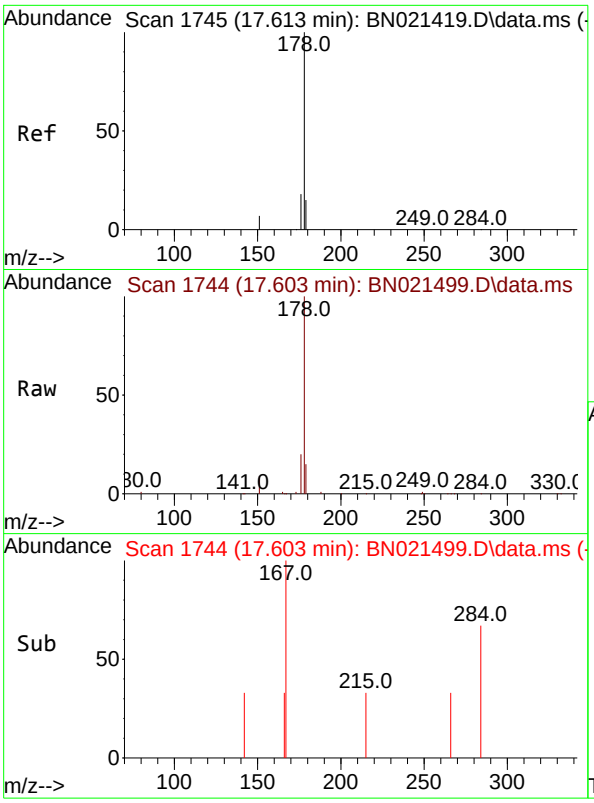


#25
Phenanthrene
Concen: 0.411 ng
RT: 17.511 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:178 Resp: 25907

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.4



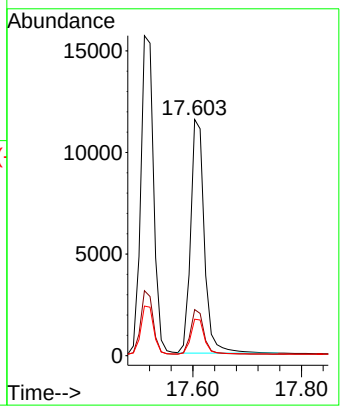


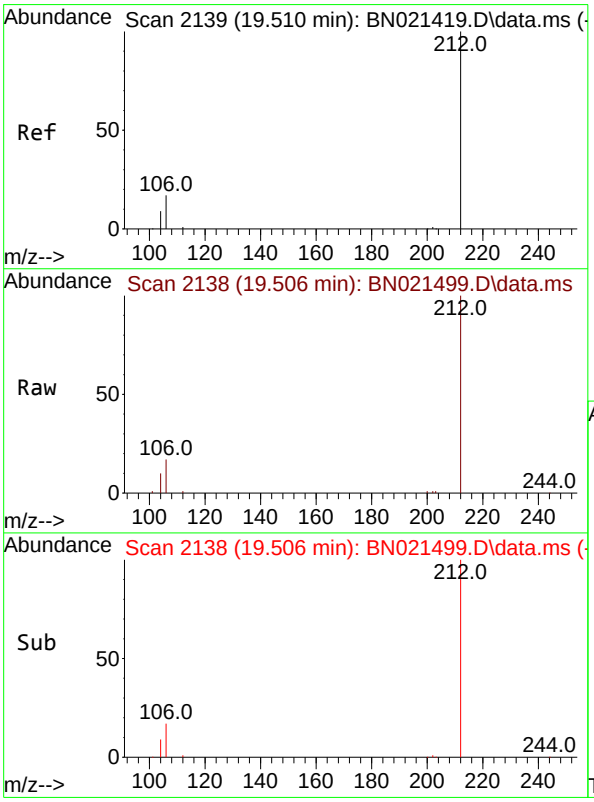
#26
Anthracene
Concen: 0.403 ng
RT: 17.603 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20188

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

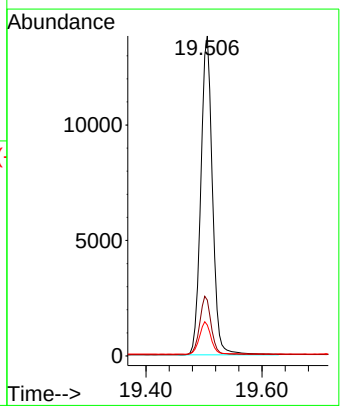


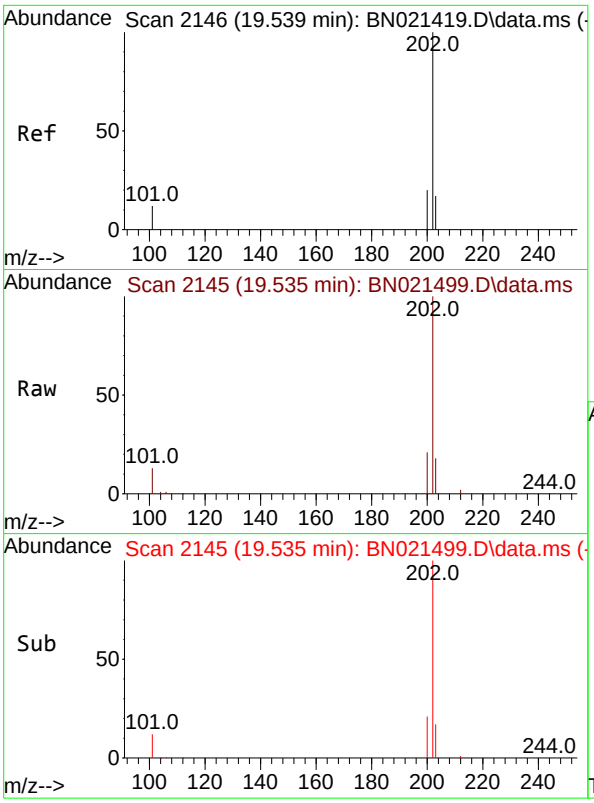


#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:212 Resp: 19185

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.2	21.2
104	10.0	7.8	11.6



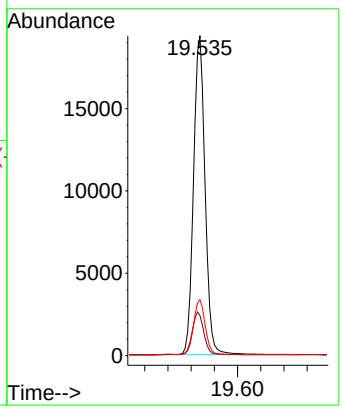


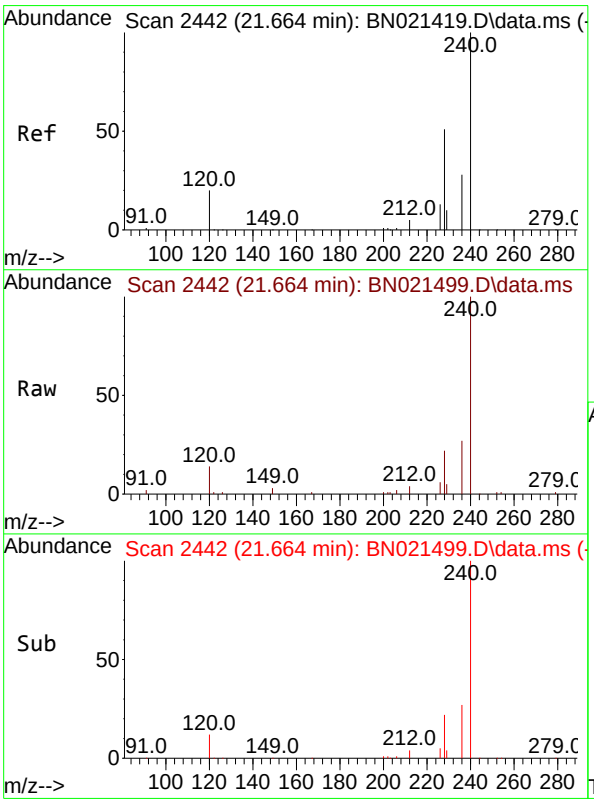
#28
Fluoranthene
Concen: 0.408 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 26738

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
203	17.1	13.8	20.6

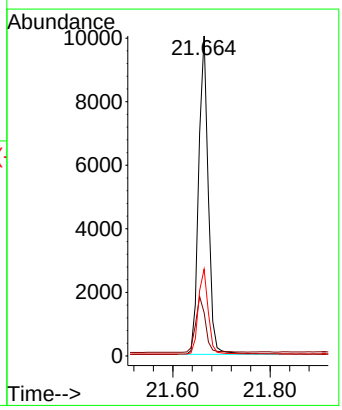


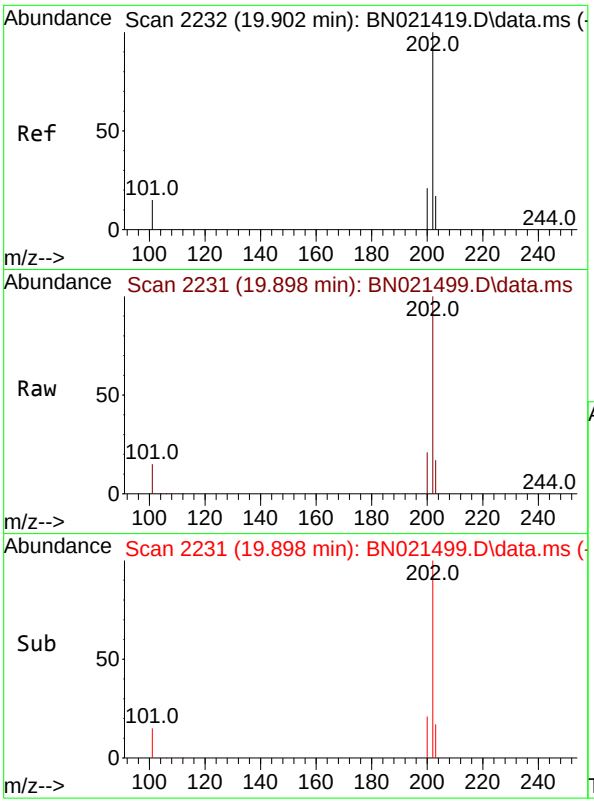


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:240 Resp: 13655

Ion	Ratio	Lower	Upper
240	100		
120	13.6	10.2	15.4
236	27.1	22.1	33.1



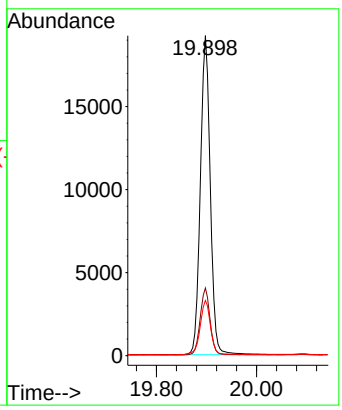


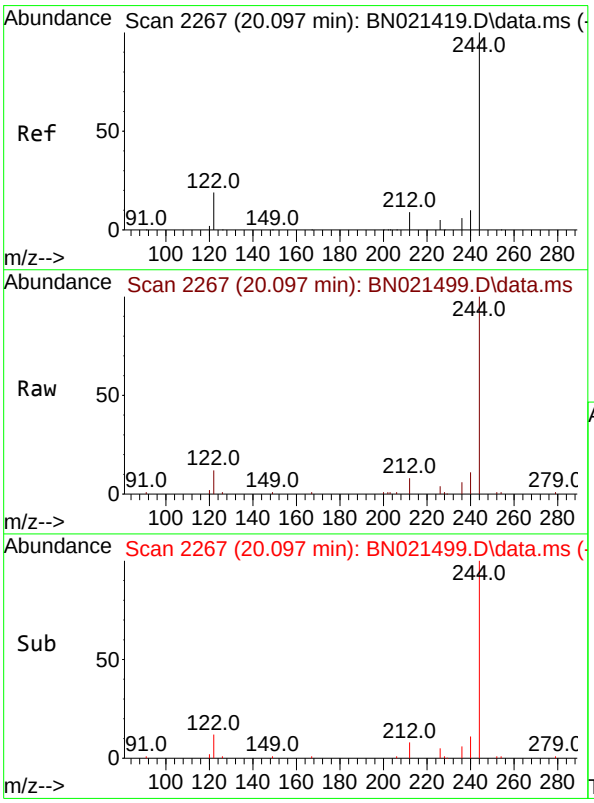
#30
Pyrene
Concen: 0.400 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 29118

Ion	Ratio	Lower	Upper
202	100		
200	18.9	13.9	20.9
203	16.5	11.9	17.9

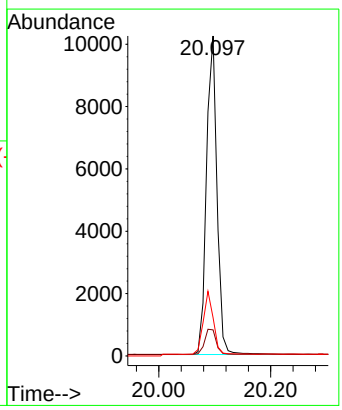


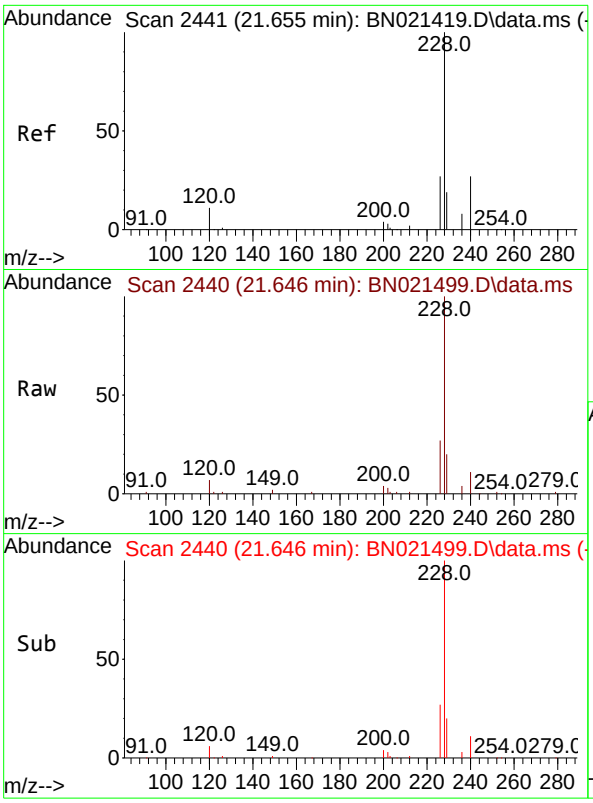


#31
Terphenyl-d14
Concen: 0.433 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:244 Resp: 13288

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	12.0	9.1	13.7



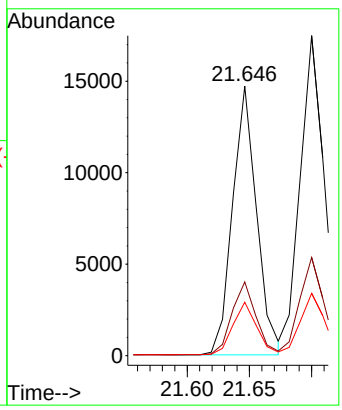


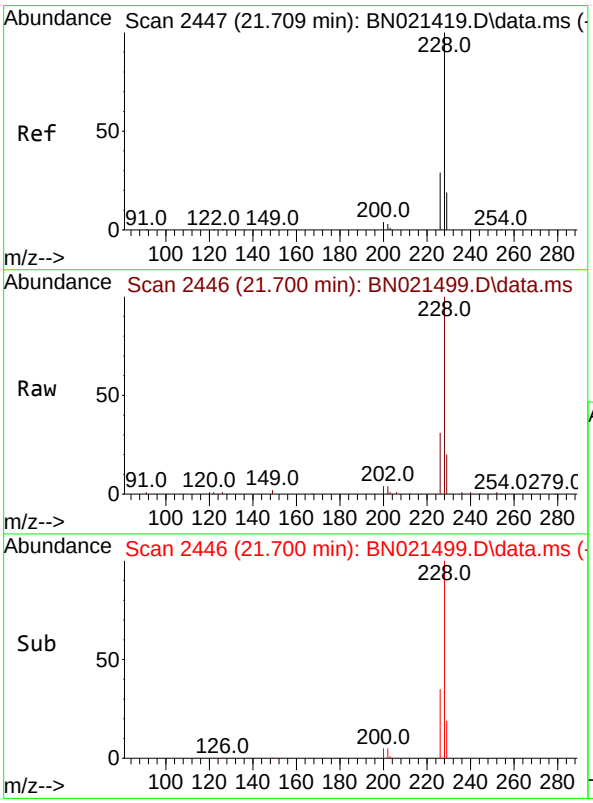
#32
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 19801

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	19.8	15.9	23.9

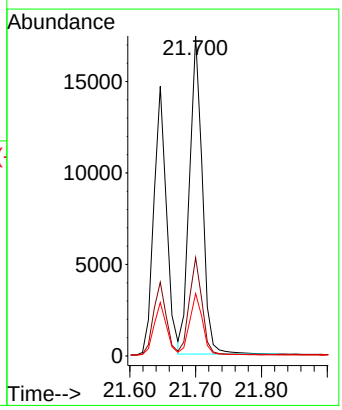


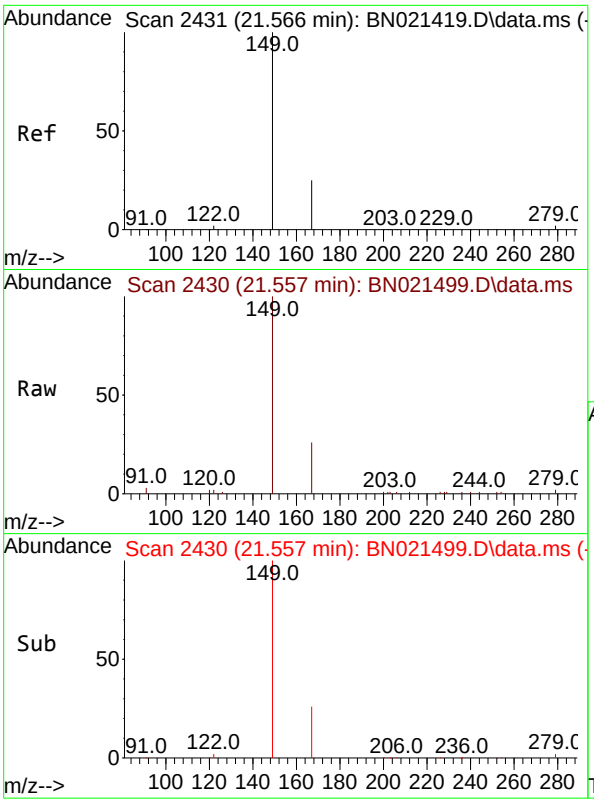


#33
Chrysene
Concen: 0.416 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:228 Resp: 23574

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.5	15.9	23.9



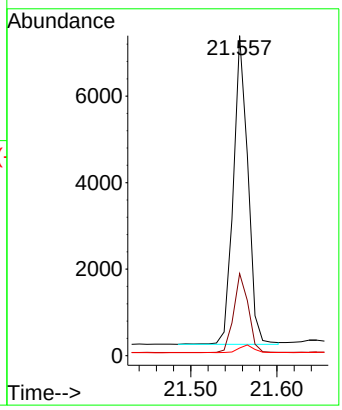


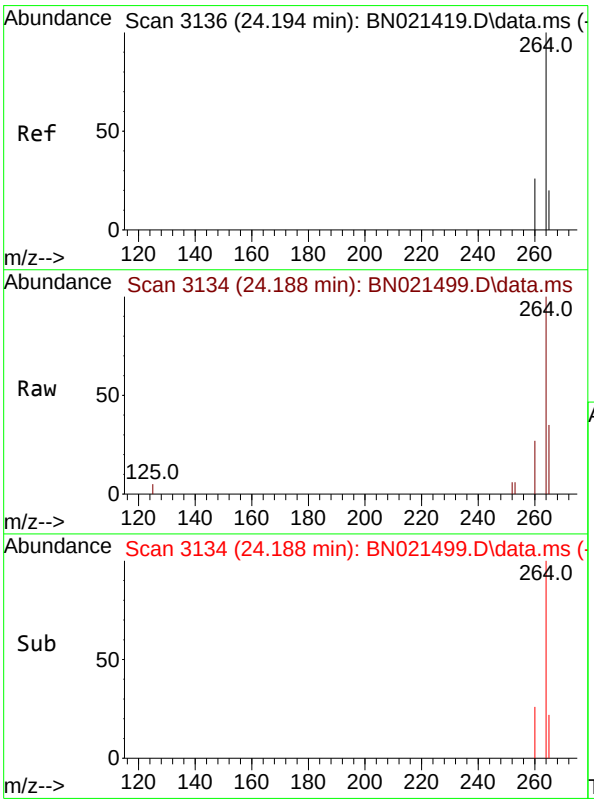
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.438 ng
RT: 21.557 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 8390

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.4	32.0
279	2.7	2.2	3.2

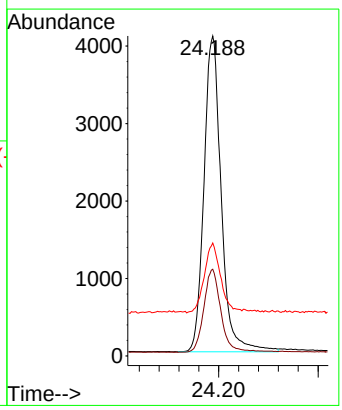


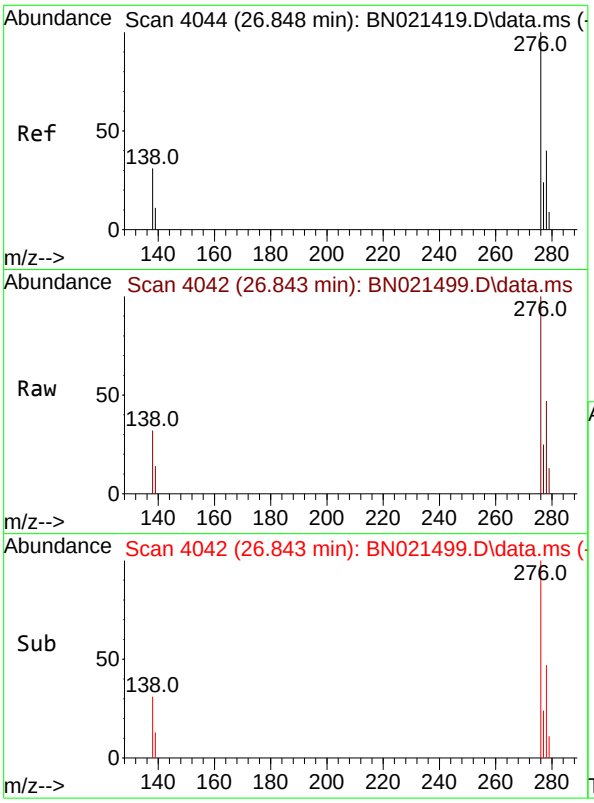


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:264 Resp: 9837

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.0	31.6
265	35.3	32.2	48.2



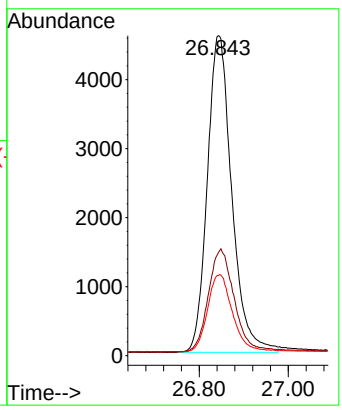


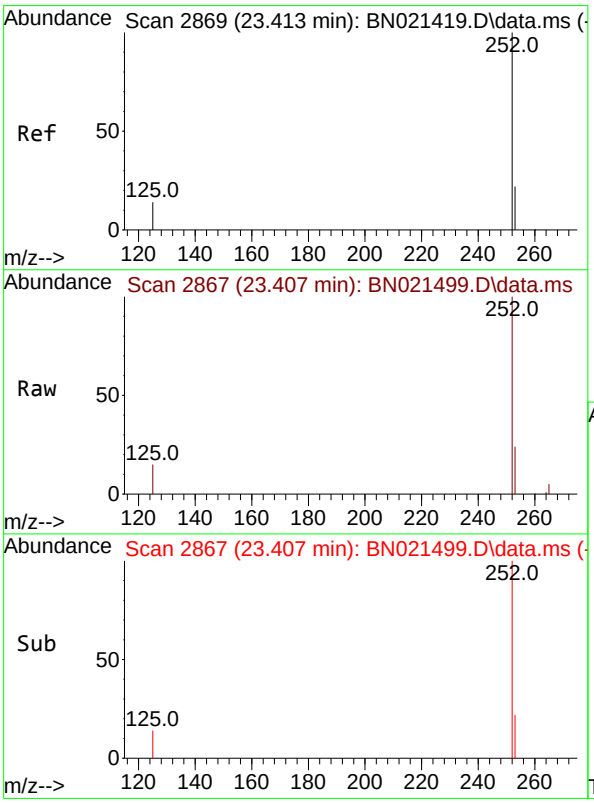
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.843 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 17517

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.2
277	24.9	19.9	29.9

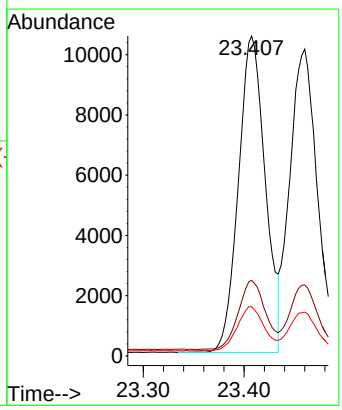


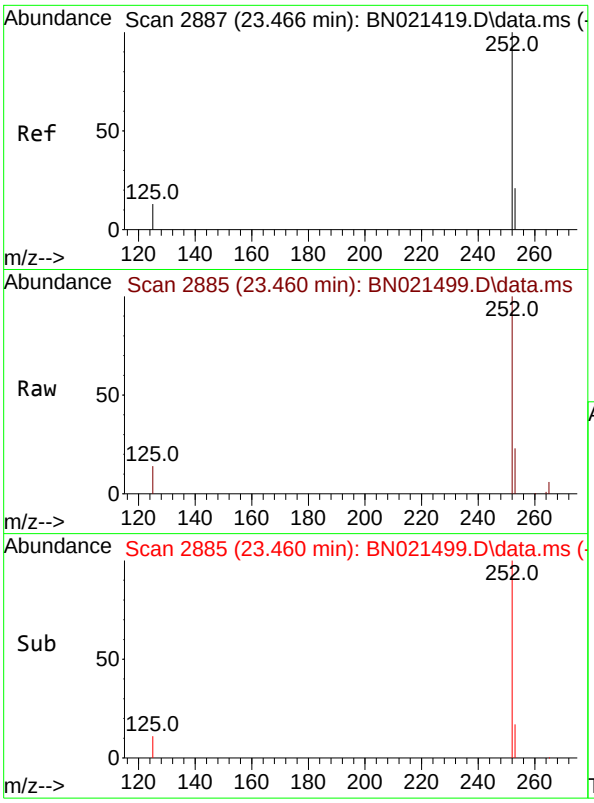


#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.407 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:252 Resp: 19425

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.8	29.6
125	15.4	13.7	20.5



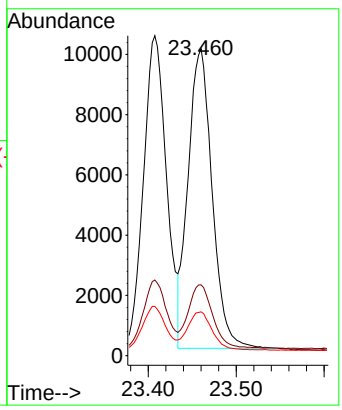


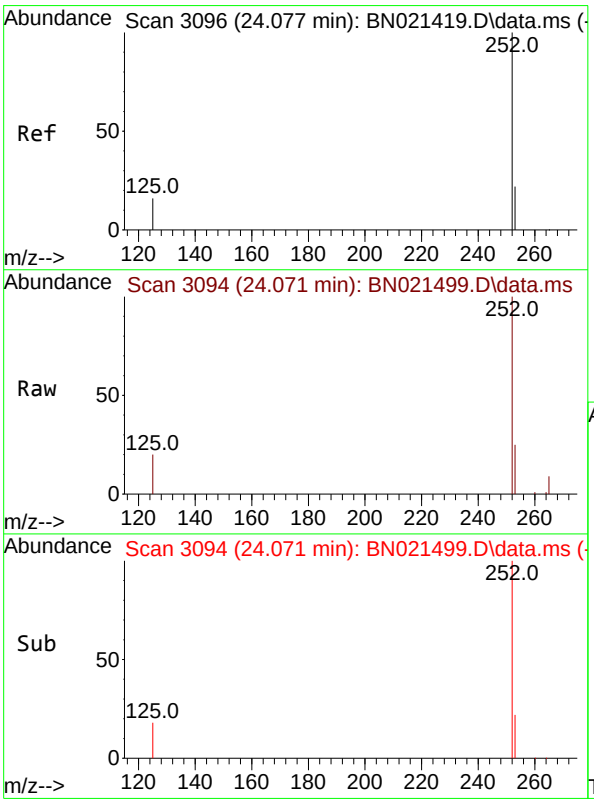
#38
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.460 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18959

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.5	29.3
125	14.3	12.3	18.5

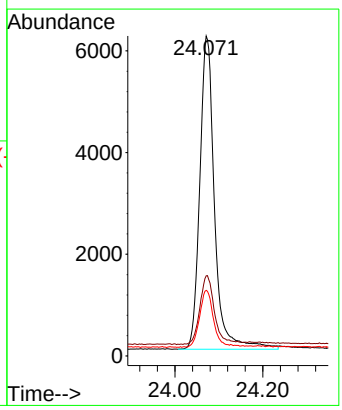


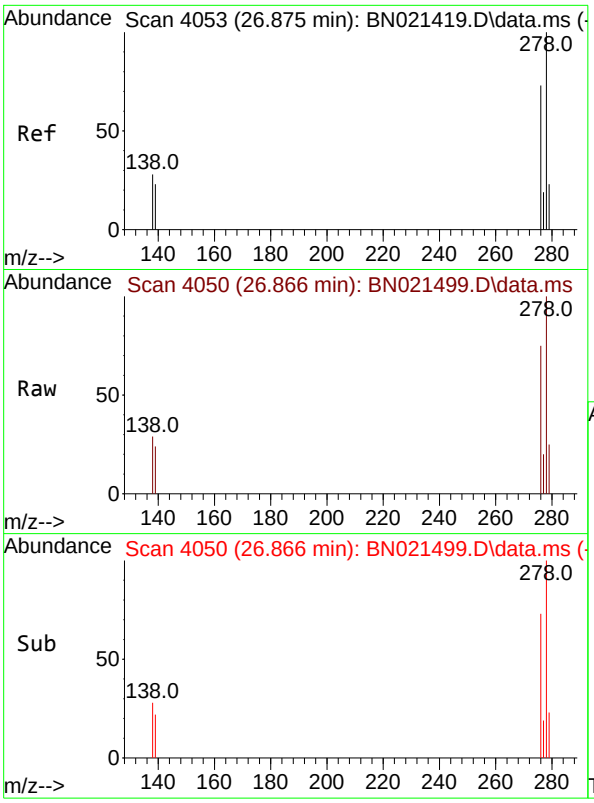


#39
Benzo(a)pyrene
Concen: 0.426 ng
RT: 24.071 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:252 Resp: 14418

Ion	Ratio	Lower	Upper
252	100		
253	25.0	21.1	31.7
125	20.5	16.6	25.0



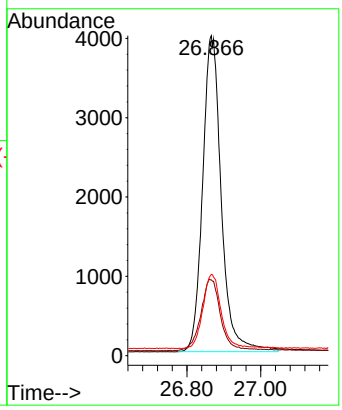


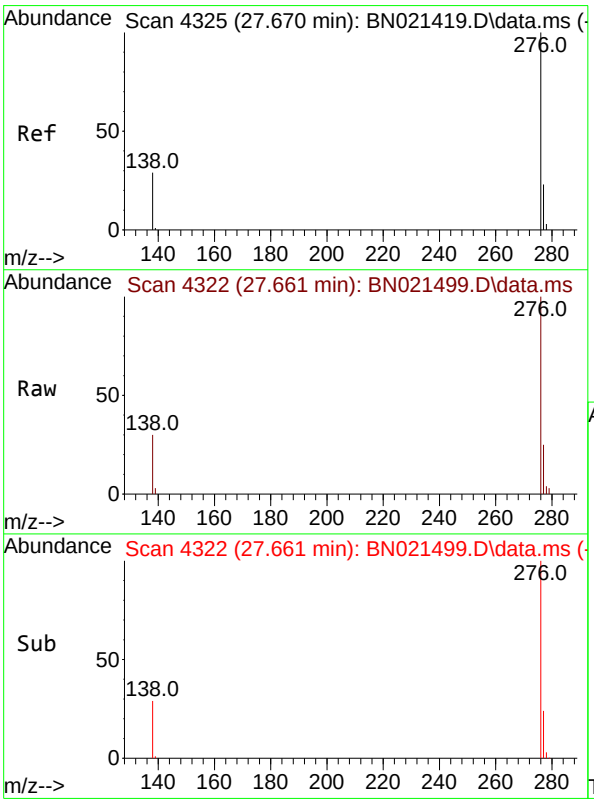
#40
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.866 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 14013

Ion	Ratio	Lower	Upper
278	100		
139	23.7	21.8	32.6
279	25.4	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.661 min Scan# 4322
Delta R.T. -0.009 min
Lab File: BN021499.D
Acq: 31 Aug 2022 20:19

Tgt Ion:276 Resp: 14376

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.7	29.5
138	30.2	23.7	35.5