Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
Data File : BN021715.D
Acq On : 12 Sep 2022 10:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 13 02:33:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

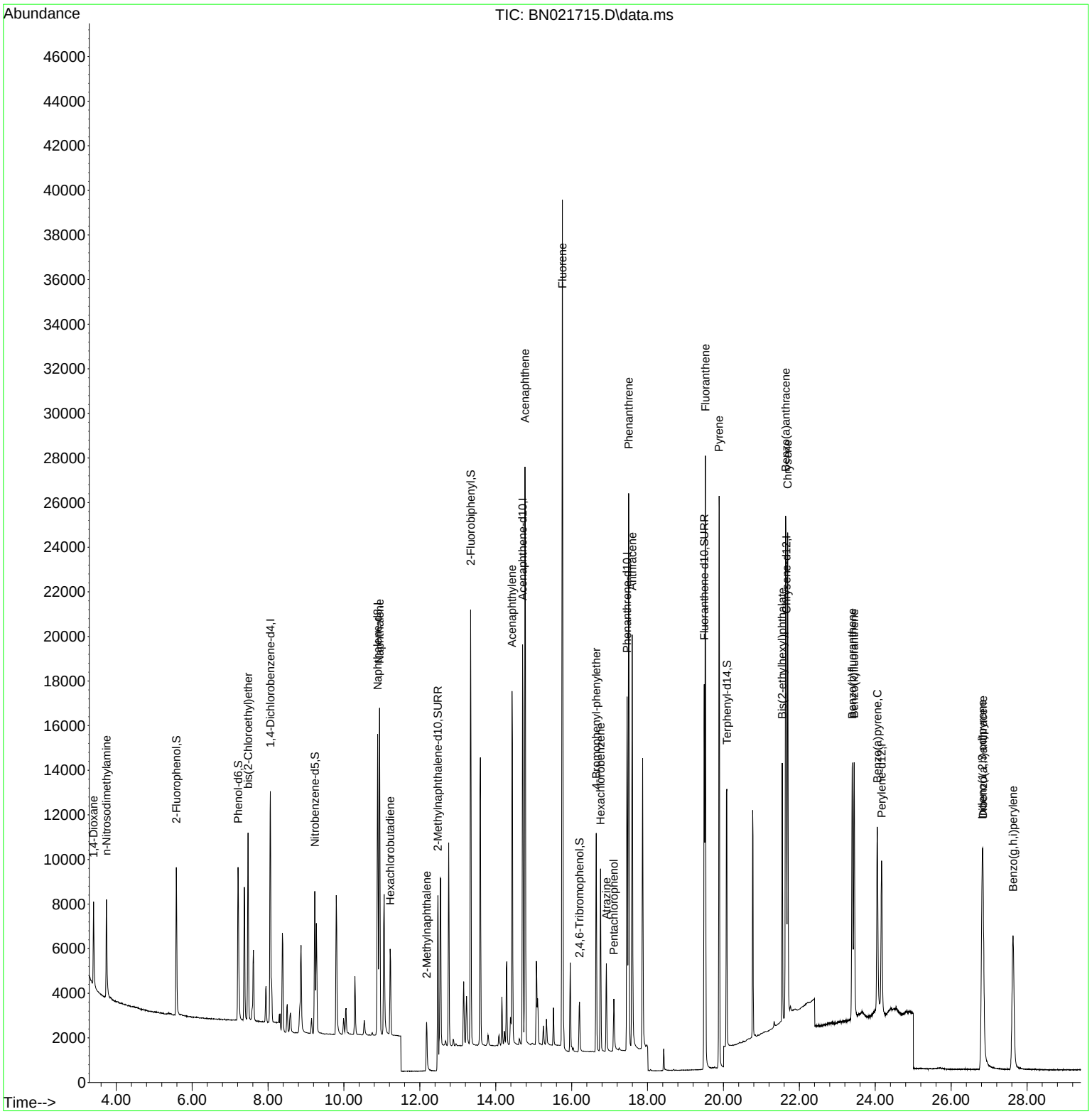
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	5281	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	17434	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	10644	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	20765	0.400	ng		0.00
29) Chrysene-d12	21.655	240	12263	0.400	ng		0.00
35) Perylene-d12	24.167	264	10939	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	5772	0.558	ng		0.00
5) Phenol-d6	7.209	99	7154	0.543	ng		0.00
8) Nitrobenzene-d5	9.233	82	5379	0.457	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	16399	0.417	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1343	0.384	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	16733	0.360	ng		0.00
27) Fluoranthene-d10	19.493	212	18620	0.349	ng		0.00
31) Terphenyl-d14	20.088	244	11604	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2595	0.393	ng	#	89
3) n-Nitrosodimethylamine	3.743	42	2646	0.445	ng		99
6) bis(2-Chloroethyl)ether	7.477	93	6612	0.399	ng		99
9) Naphthalene	10.941	128	19598	0.379	ng		99
10) Hexachlorobutadiene	11.218	225	3223	0.361	ng	#	99
12) 2-Methylnaphthalene	12.180	142	4038	0.596	ng	#	96
16) Acenaphthylene	14.429	152	18805	0.376	ng		100
17) Acenaphthene	14.771	154	13132	0.373	ng		99
18) Fluorene	15.755	166	16707	0.385	ng		99
21) 4-Bromophenyl-phenylether	16.649	248	4923	0.379	ng	#	93
22) Hexachlorobenzene	16.762	284	5913	0.372	ng		99
23) Atrazine	16.916	200	3450	0.455	ng		96
24) Pentachlorophenol	17.111	266	1394	0.495	ng		99
25) Phenanthrene	17.500	178	26380	0.368	ng		100
26) Anthracene	17.593	178	21090	0.370	ng		99
28) Fluoranthene	19.522	202	24791	0.333	ng		99
30) Pyrene	19.885	202	26740	0.409	ng		97
32) Benzo(a)anthracene	21.637	228	17404	0.408	ng		100
33) Chrysene	21.691	228	18755	0.369	ng		100
34) Bis(2-ethylhexyl)phtha...	21.548	149	10506	0.611	ng		99
36) Indeno(1,2,3-cd)pyrene	26.816	276	16339	0.331	ng		98
37) Benzo(b)fluoranthene	23.393	252	16433	0.305	ng		97
38) Benzo(k)fluoranthene	23.442	252	16292	0.300	ng		95
39) Benzo(a)pyrene	24.053	252	13420	0.357	ng		96
40) Dibenzo(a,h)anthracene	26.837	278	12424	0.312	ng		96
41) Benzo(g,h,i)perylene	27.629	276	14975	0.343	ng		98

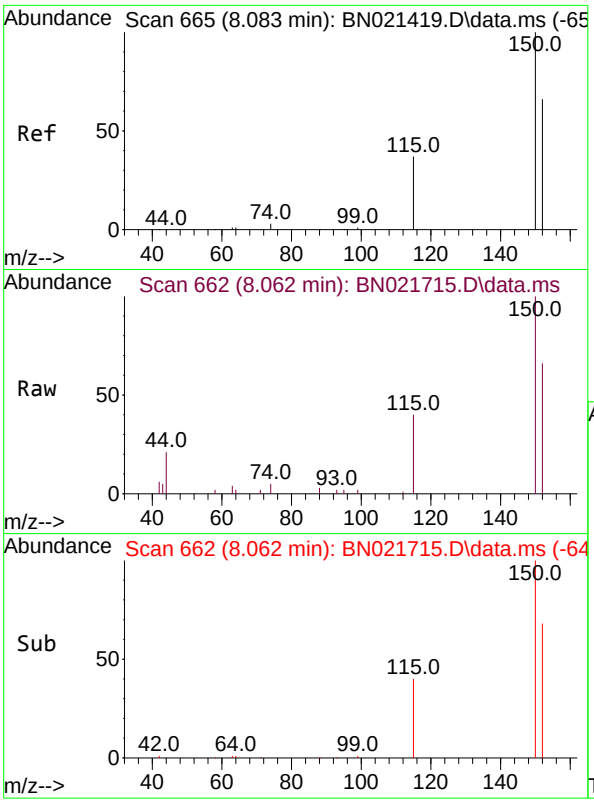
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
Data File : BN021715.D
Acq On : 12 Sep 2022 10:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 13 02:33:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration



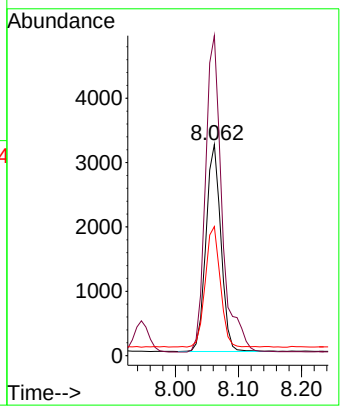


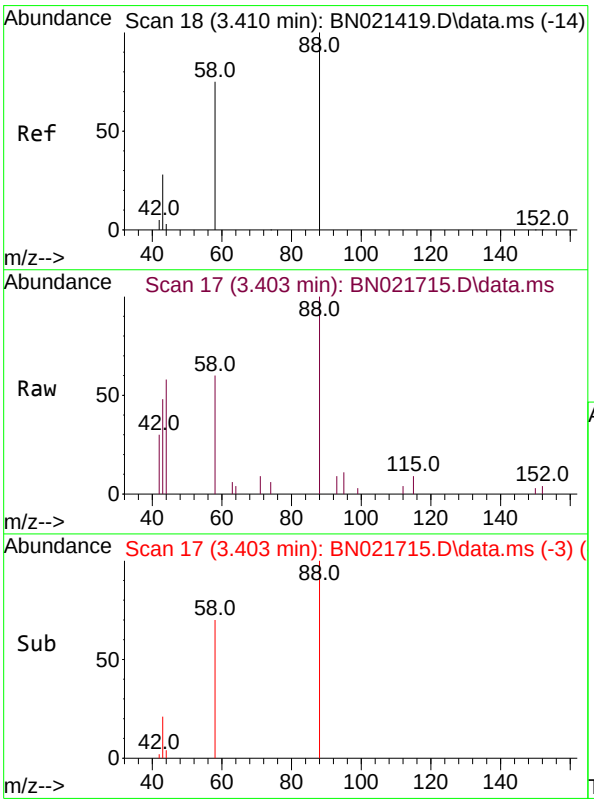
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5281

Ion	Ratio	Lower	Upper
152	100		
150	151.6	121.4	182.0
115	61.1	48.6	72.8

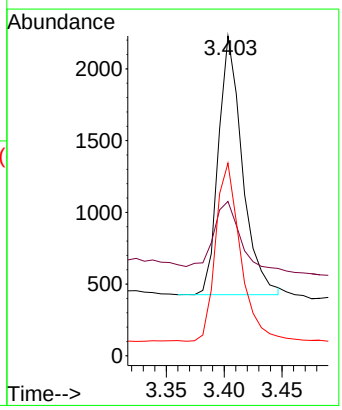


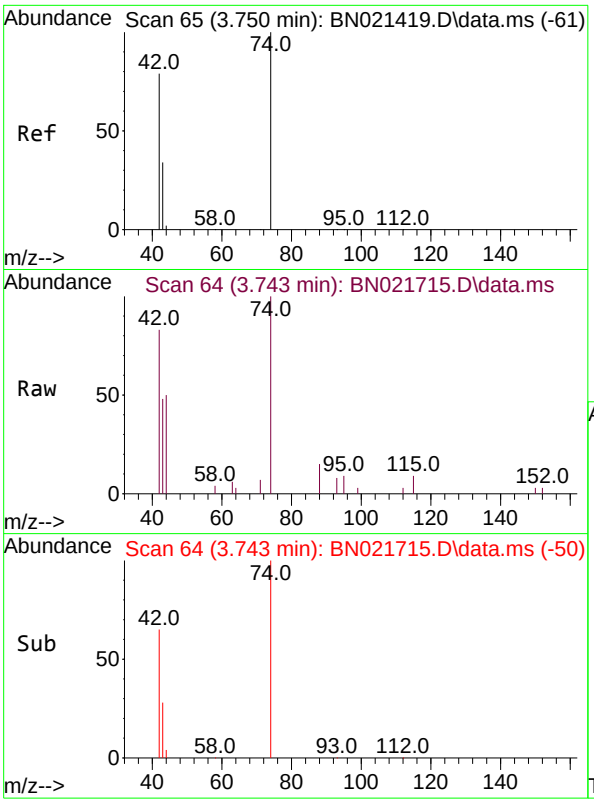


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion: 88 Resp: 2595

Ion	Ratio	Lower	Upper
88	100		
43	27.1	35.8	53.8#
58	71.6	57.1	85.7



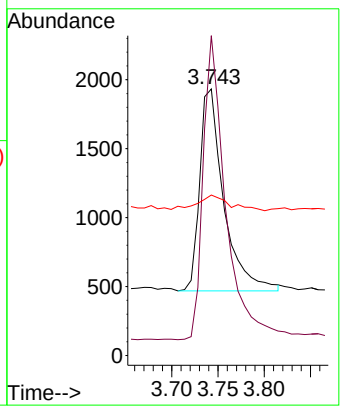


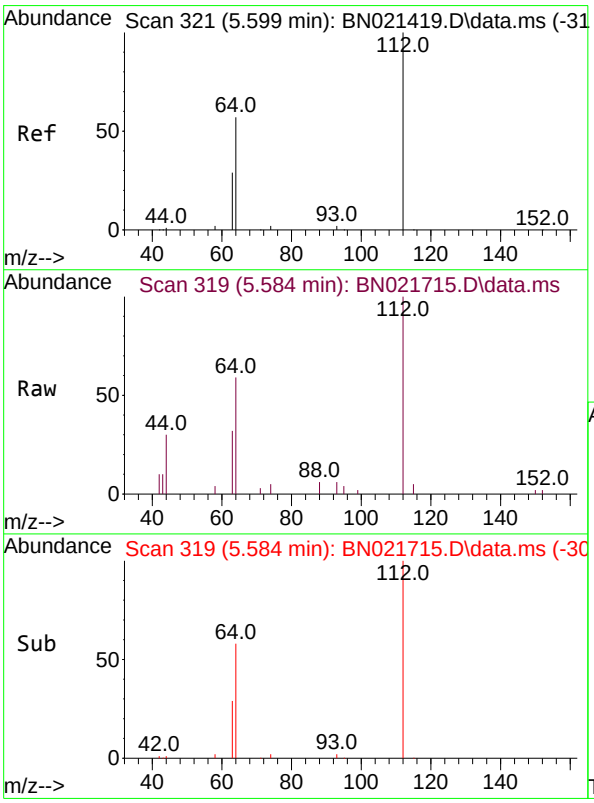
#3
n-Nitrosodimethylamine
Concen: 0.445 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2646

Ion	Ratio	Lower	Upper
42	100		
74	140.2	113.0	169.6
44	10.5	10.5	15.7

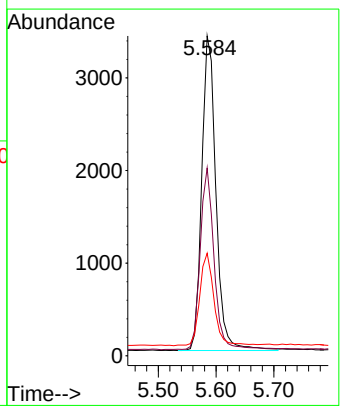


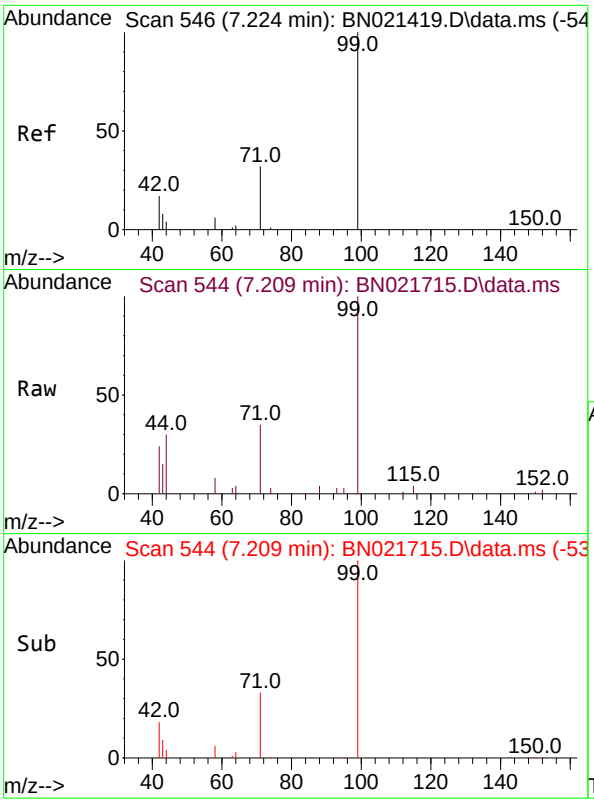


#4
2-Fluorophenol
Concen: 0.558 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:112 Resp: 5772

Ion	Ratio	Lower	Upper
112	100		
64	56.8	43.5	65.3
63	29.5	22.6	34.0



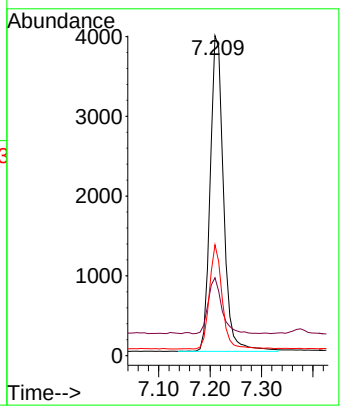


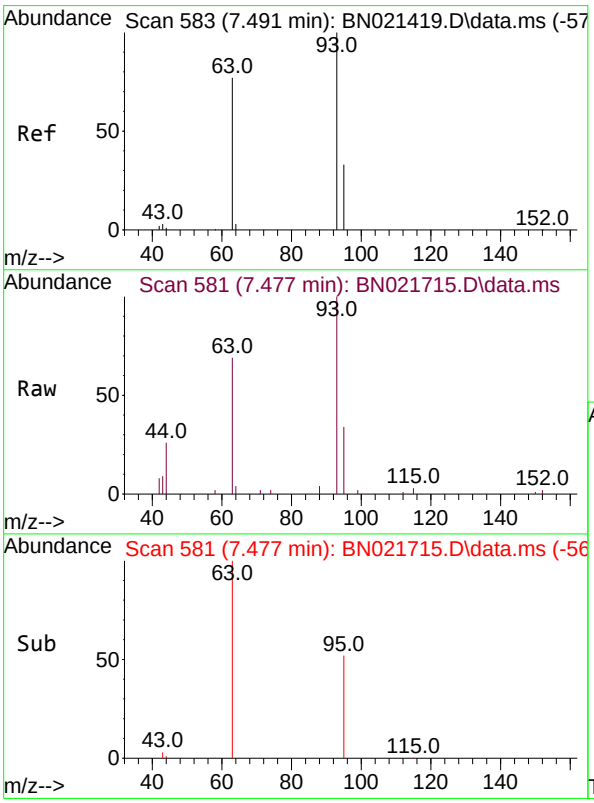
#5
Phenol-d6
Concen: 0.543 ng
RT: 7.209 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7154

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

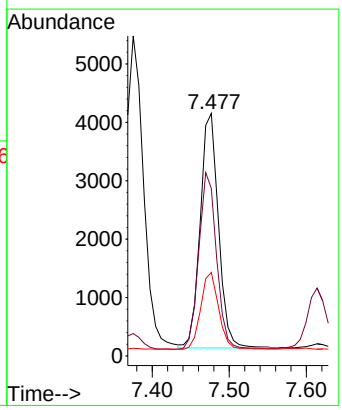


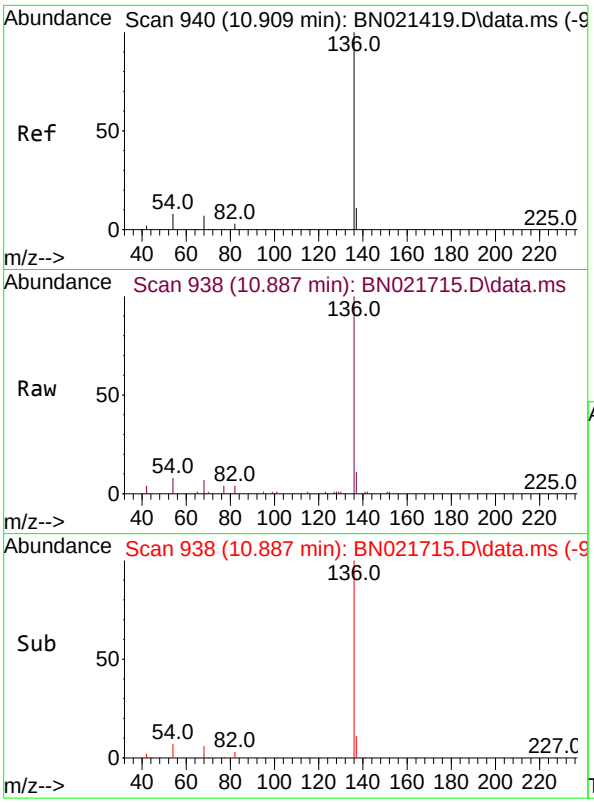


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.477 min Scan# 581
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion: 93 Resp: 6612

Ion	Ratio	Lower	Upper
93	100		
63	73.8	57.8	86.8
95	32.1	25.9	38.9



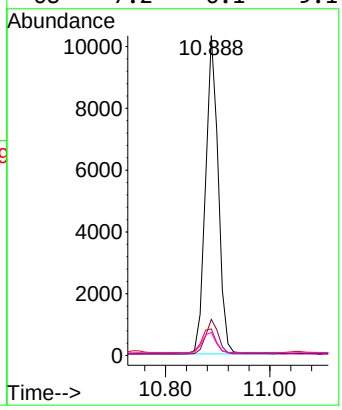


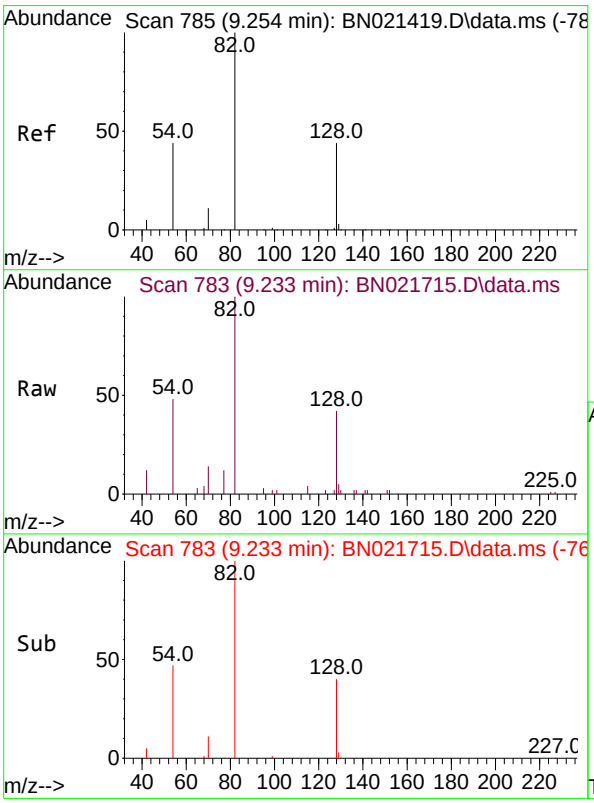
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 17434

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.3	6.9	10.3
68	7.2	6.1	9.1

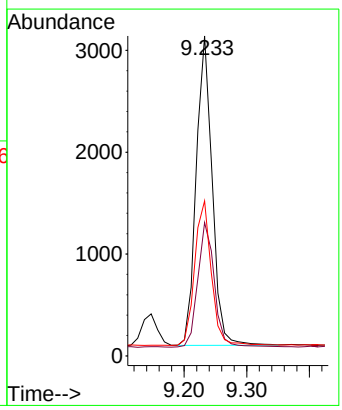


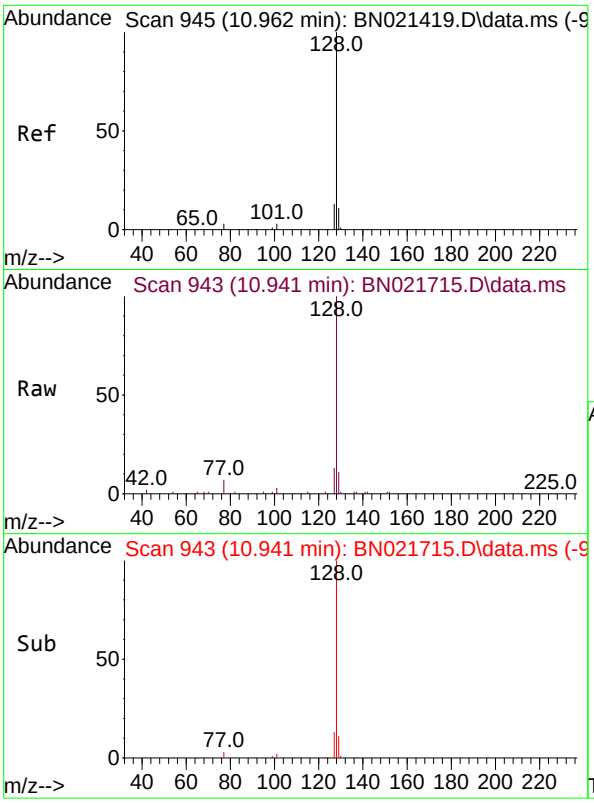


#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion: 82 Resp: 5379

Ion	Ratio	Lower	Upper
82	100		
128	41.7	30.9	46.3
54	48.4	42.7	64.1



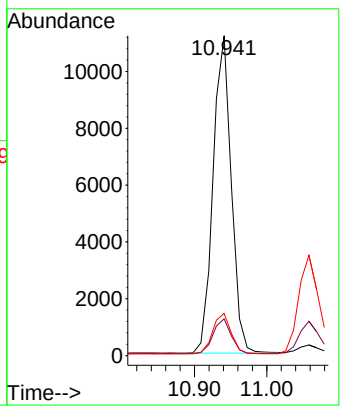


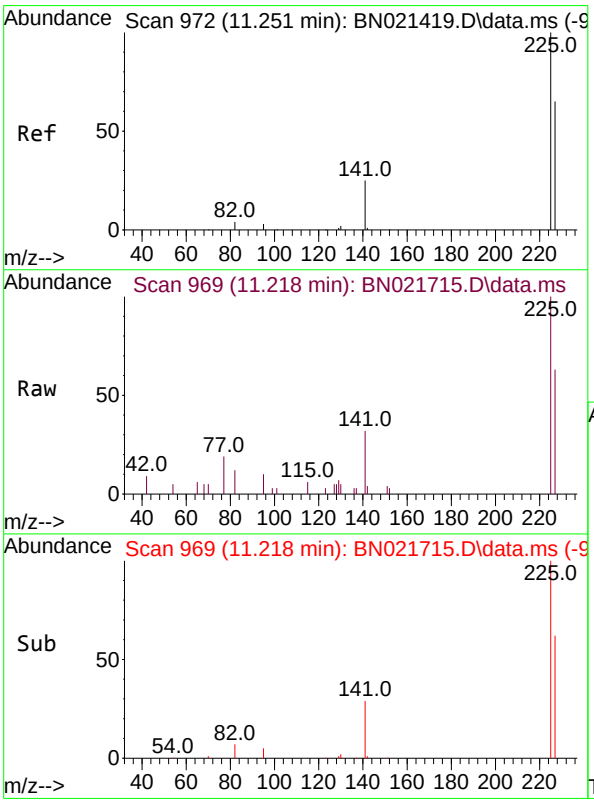
#9
Naphthalene
Concen: 0.379 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 19598

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	11.0	16.4

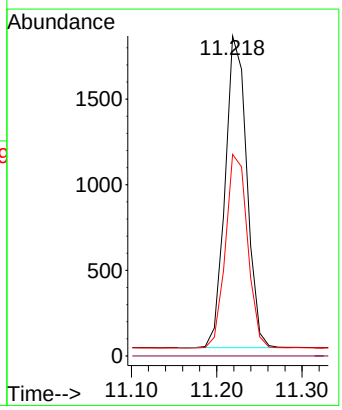


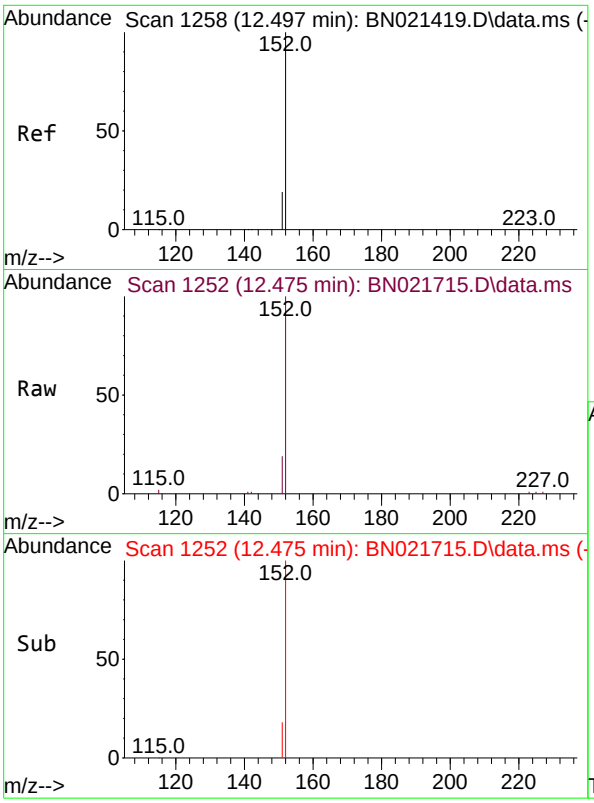


#10
Hexachlorobutadiene
Concen: 0.361 ng
RT: 11.218 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:225 Resp: 3223

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



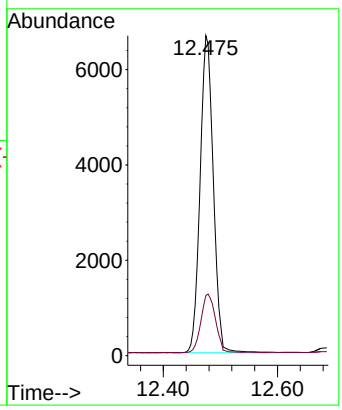


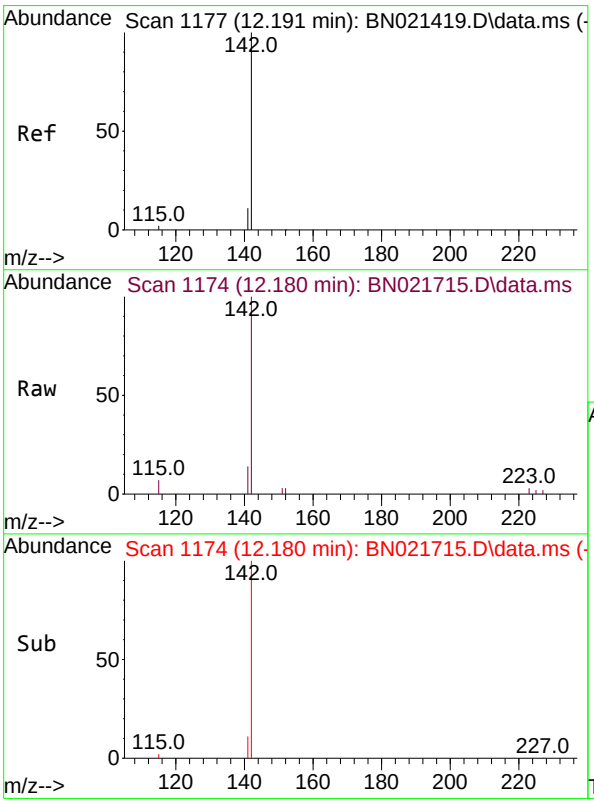
#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 12.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 16399

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.5	21.7

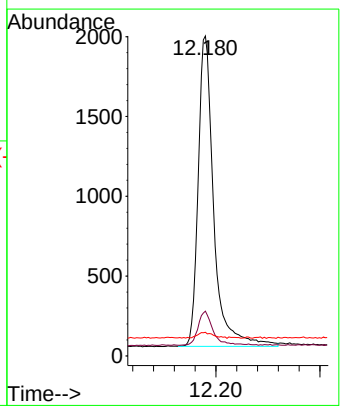


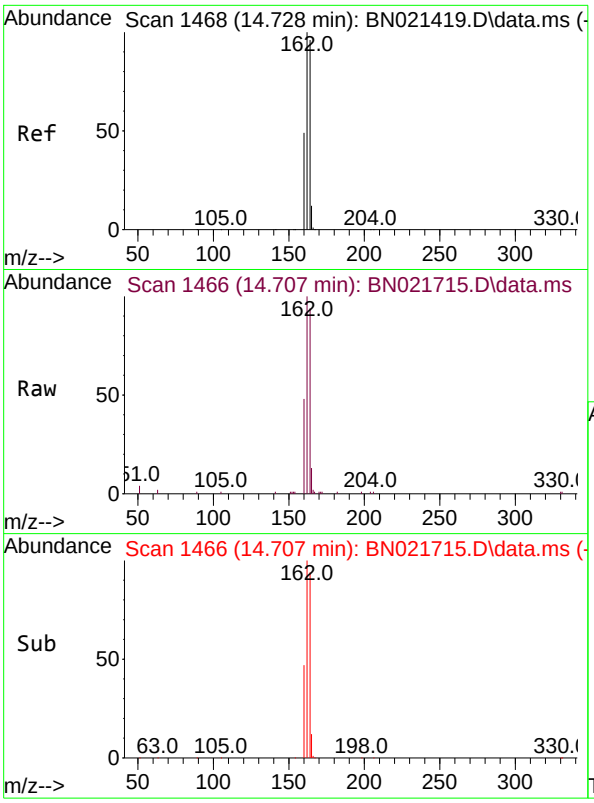


#12
2-Methylnaphthalene
Concen: 0.596 ng
RT: 12.180 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:142 Resp: 4038

Ion	Ratio	Lower	Upper
142	100		
141	14.0	12.2	18.2
115	7.4	7.9	11.9#



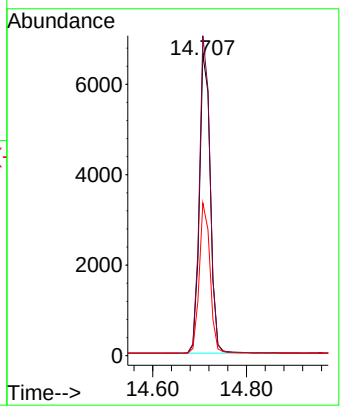


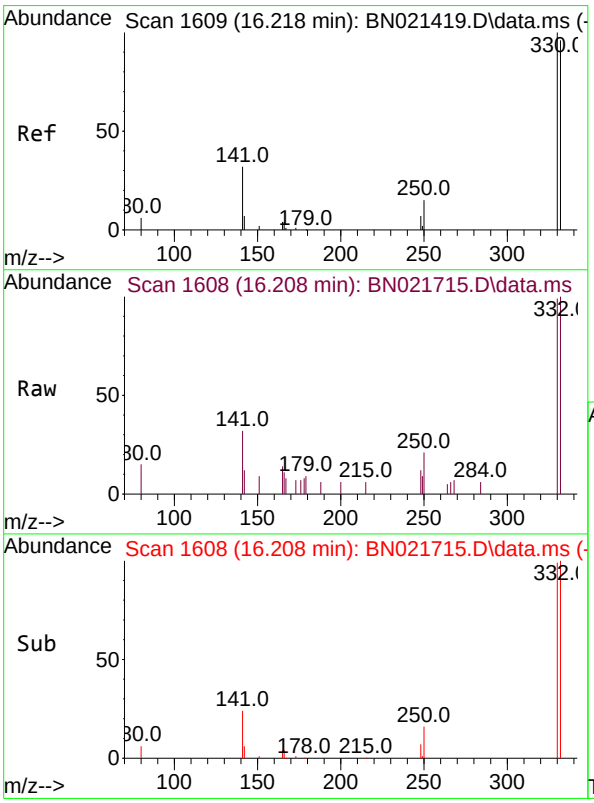
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 10644

Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.2	123.4
160	50.6	39.5	59.3

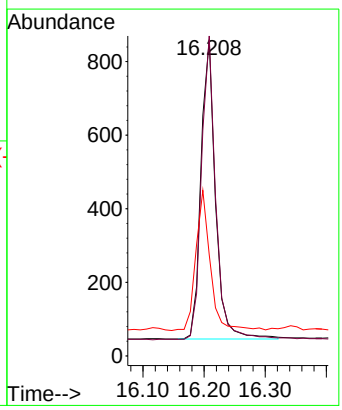


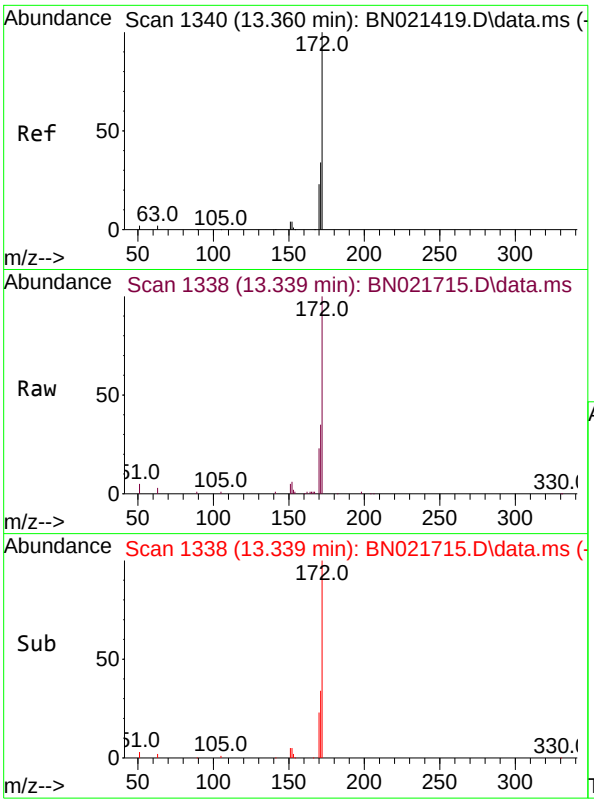


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:330 Resp: 1343

Ion	Ratio	Lower	Upper
330	100		
332	98.8	79.3	118.9
141	46.5	37.1	55.7



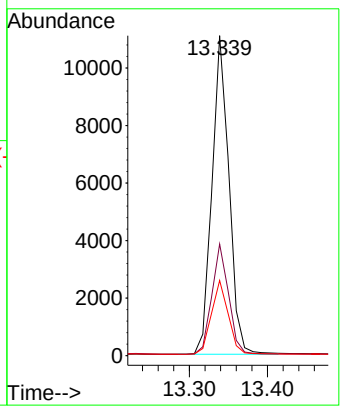


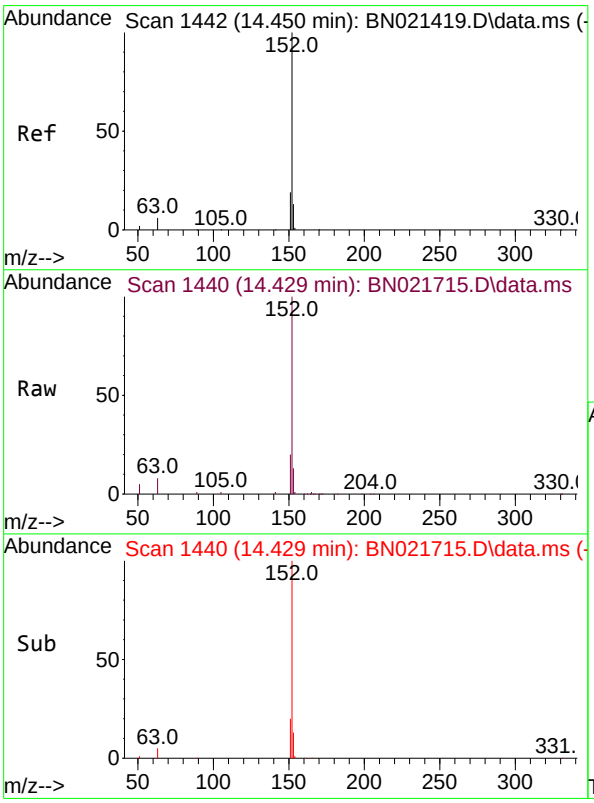
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 16733

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

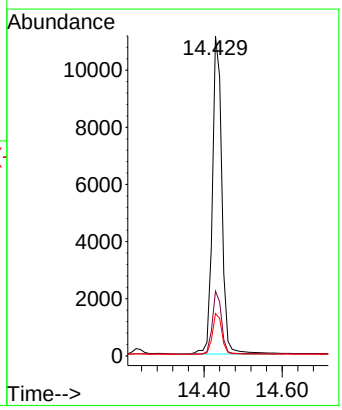


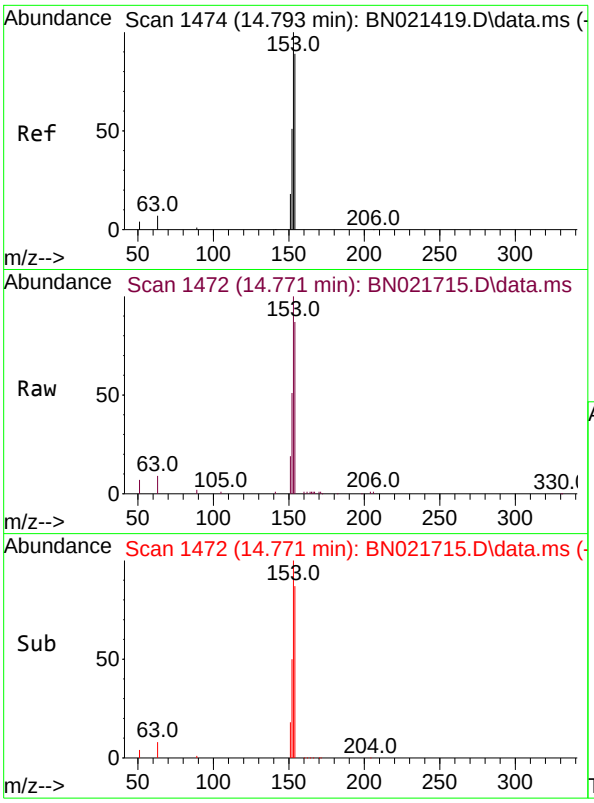


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:152 Resp: 18805

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.3	15.5



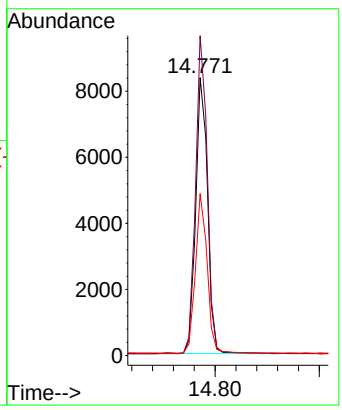


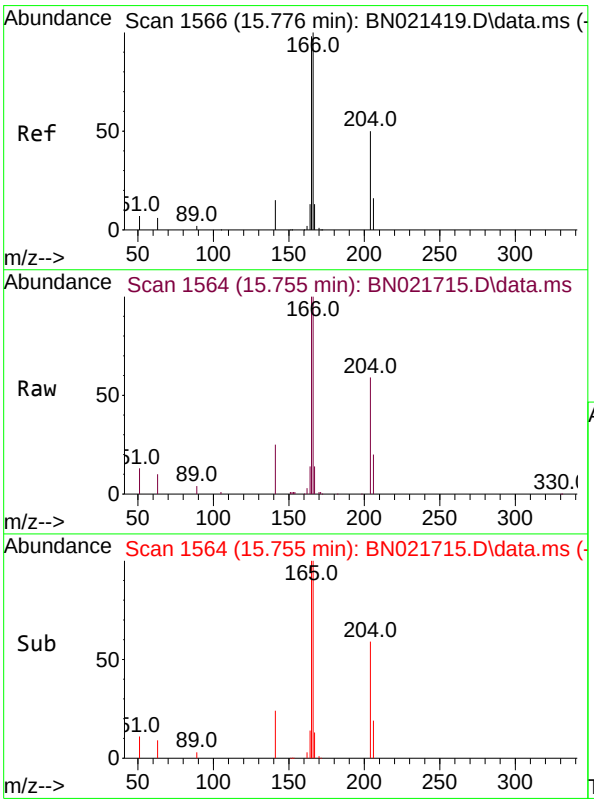
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 13132

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.5	134.3
152	57.3	45.5	68.3

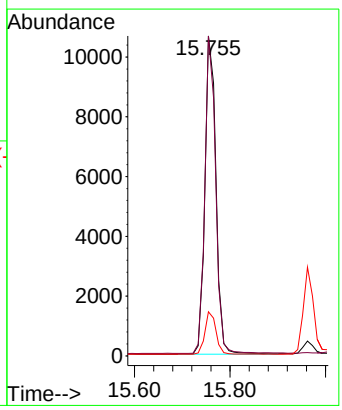


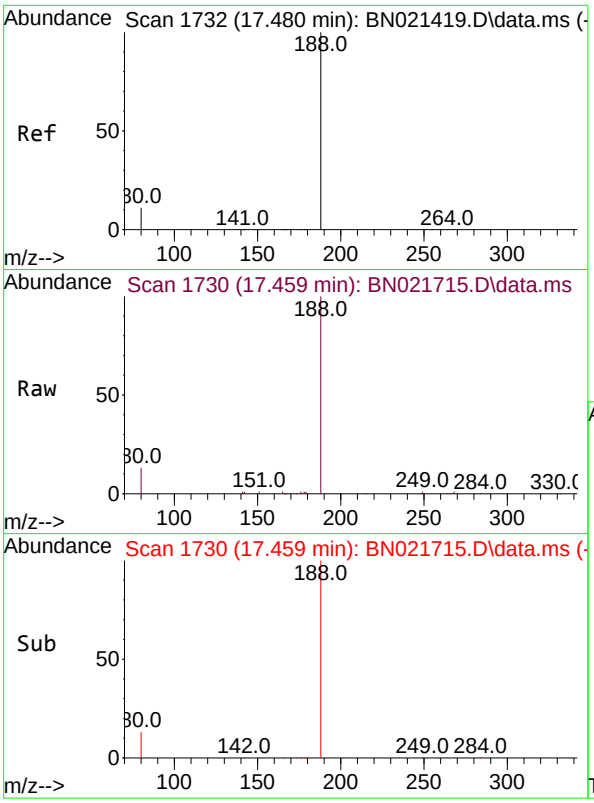


#18
Fluorene
Concen: 0.385 ng
RT: 15.755 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:166 Resp: 16707

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.7	118.1
167	13.5	10.6	16.0





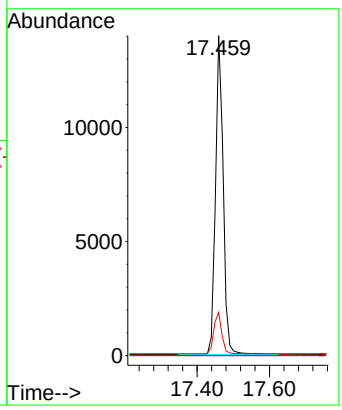
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1

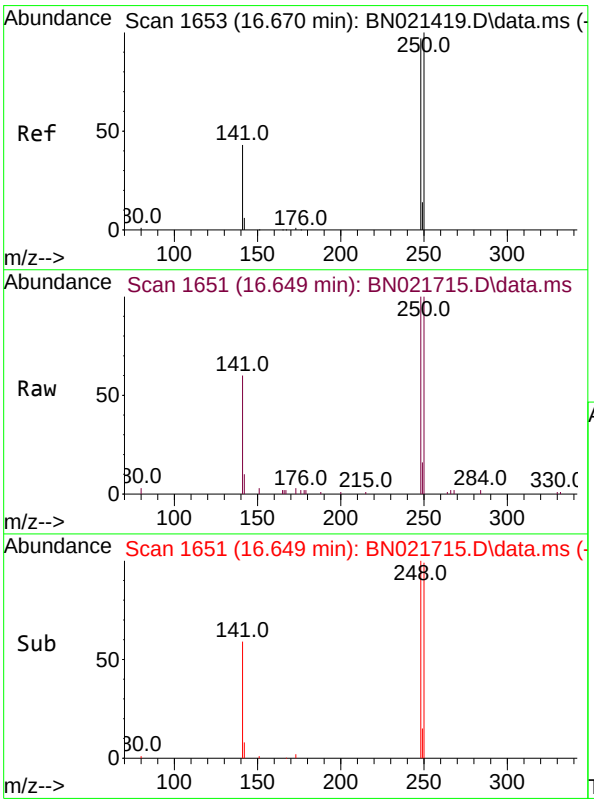
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:188 Resp: 20765

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

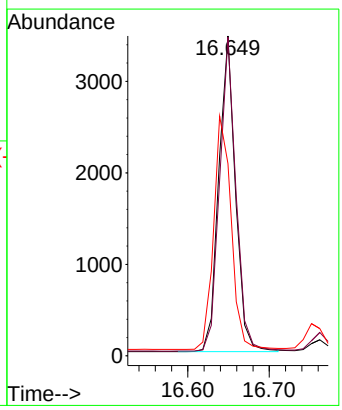


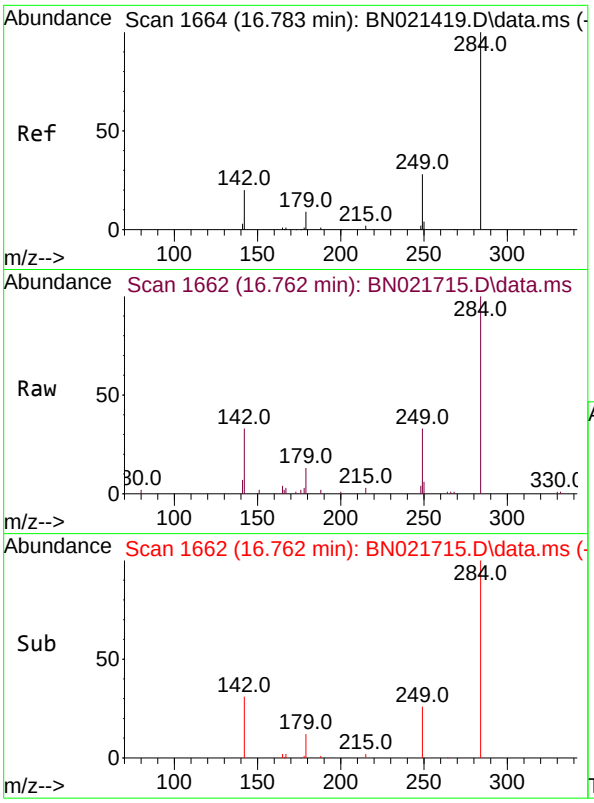


#21
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.649 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:248 Resp: 4923

Ion	Ratio	Lower	Upper
248	100		
250	99.6	81.8	122.6
141	60.1	38.5	57.7#



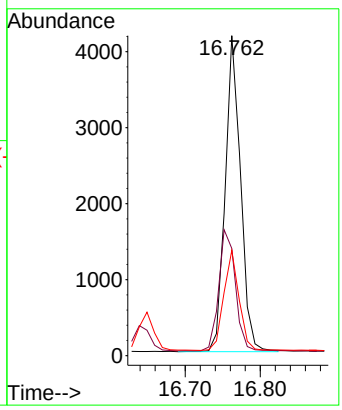


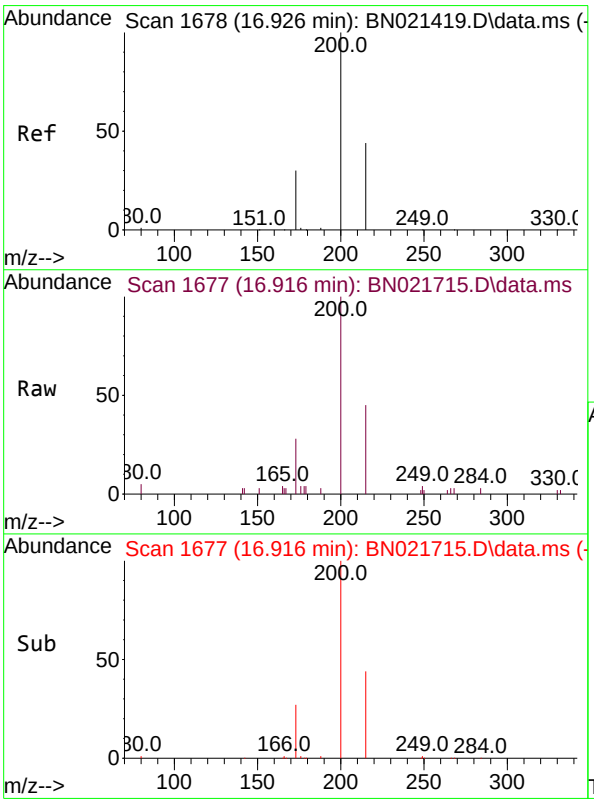
#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5913

Ion	Ratio	Lower	Upper
284	100		
142	41.3	32.3	48.5
249	31.6	25.4	38.2

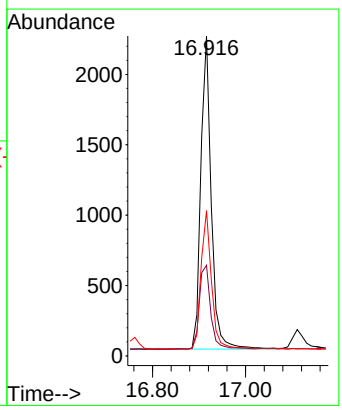


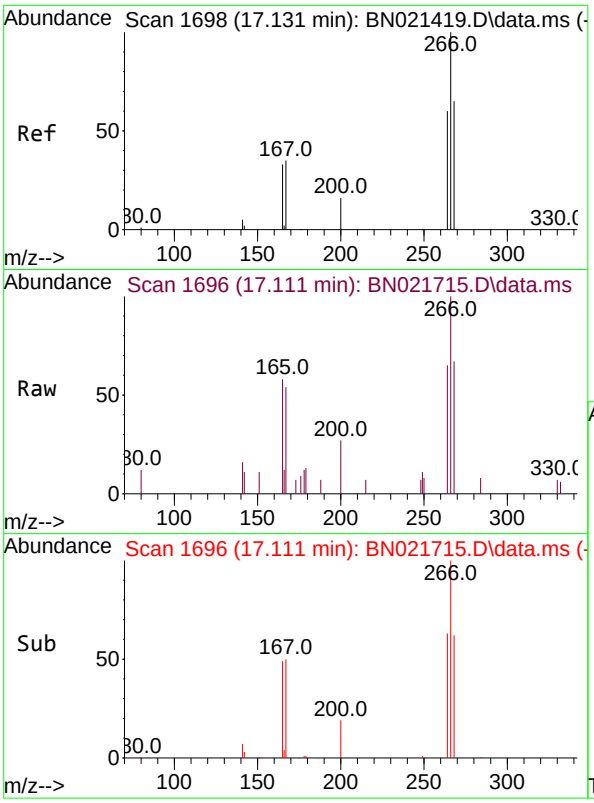


#23
Atrazine
Concen: 0.455 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:200 Resp: 3450

Ion	Ratio	Lower	Upper
200	100		
173	28.3	24.3	36.5
215	45.4	38.4	57.6



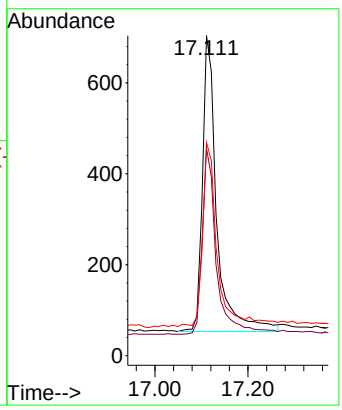


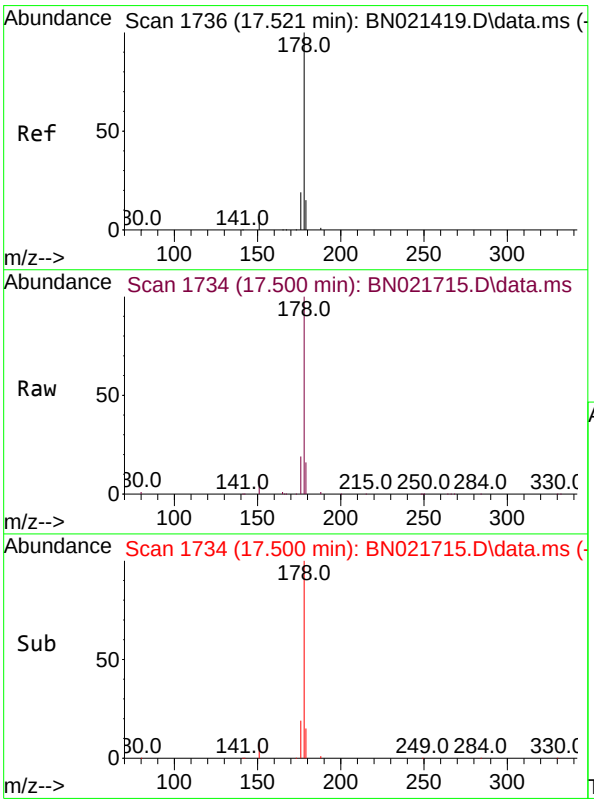
#24
Pentachlorophenol
Concen: 0.495 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1394

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.0	73.6
268	64.1	50.9	76.3

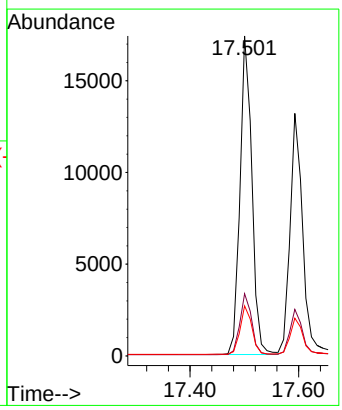


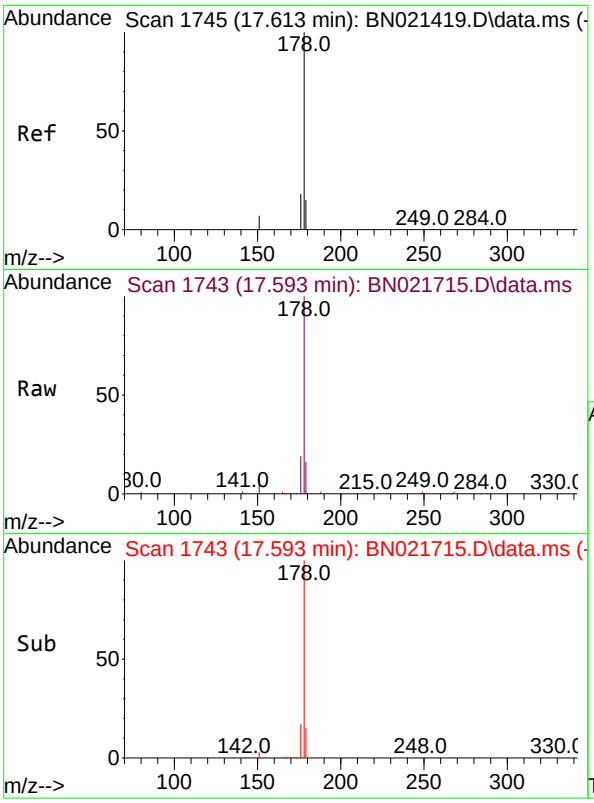


#25
Phenanthrene
Concen: 0.368 ng
RT: 17.500 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:178 Resp: 26380

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.2	18.4



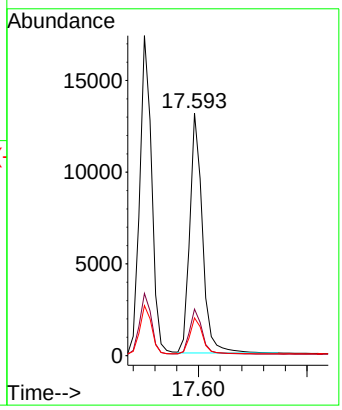


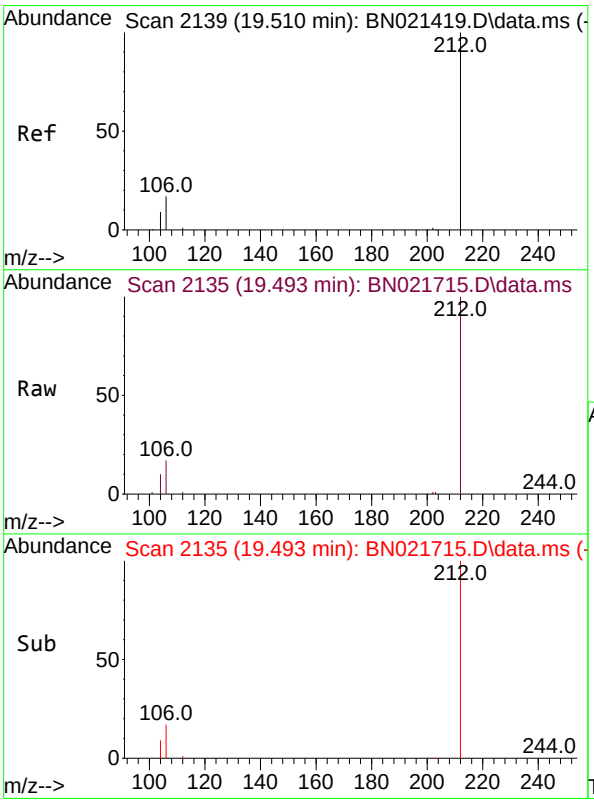
#26
Anthracene
Concen: 0.370 ng
RT: 17.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 21090

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.1	12.2	18.2

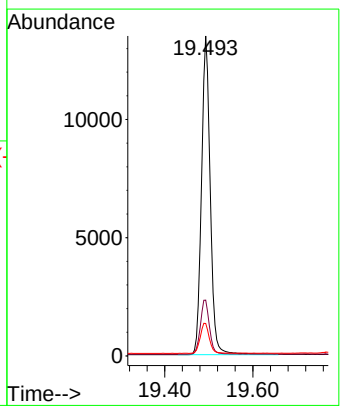


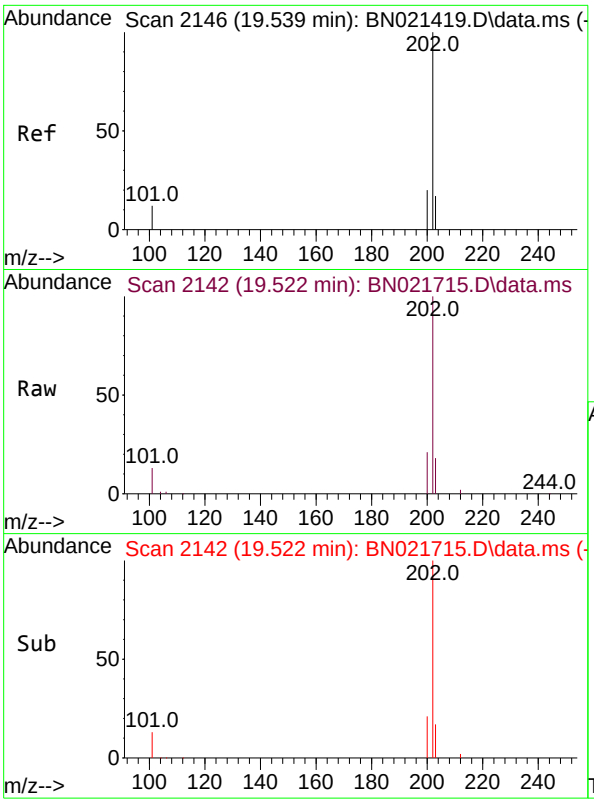


#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:212 Resp: 18620

Ion	Ratio	Lower	Upper
212	100		
106	17.5	14.2	21.2
104	9.8	7.8	11.6



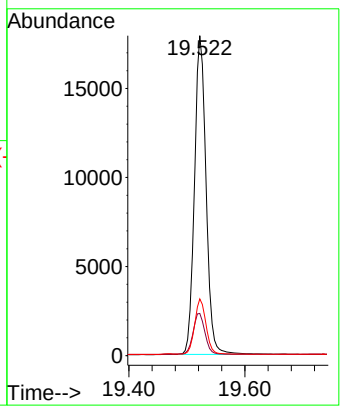


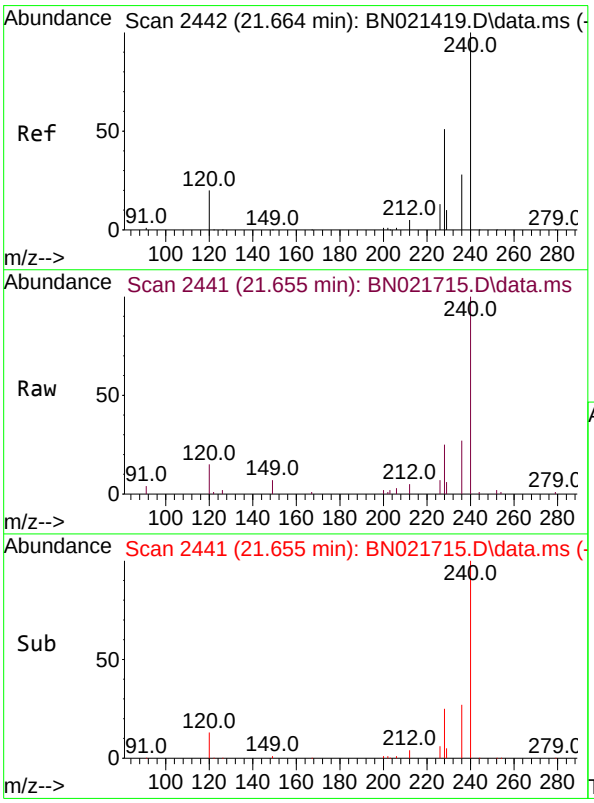
#28
Fluoranthene
Concen: 0.333 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 24791

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
203	16.9	13.8	20.6

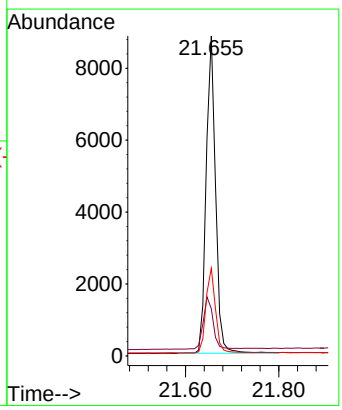


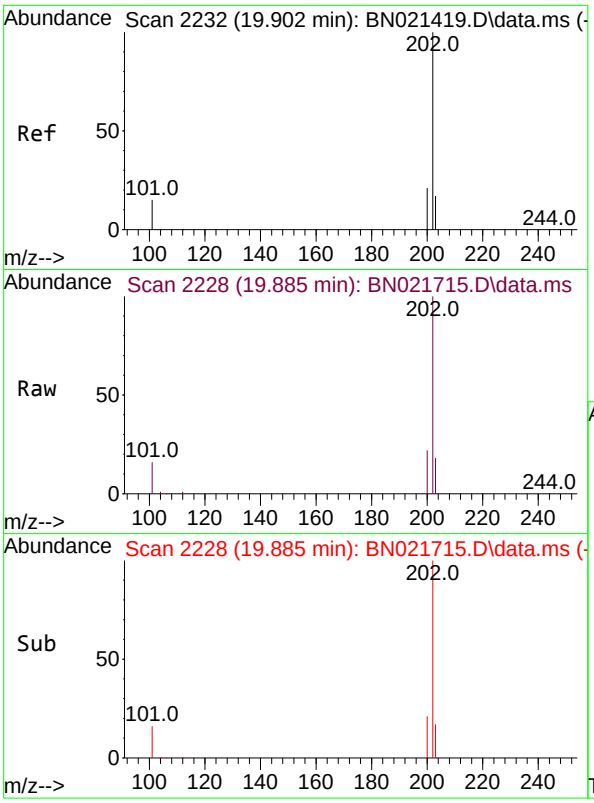


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:240 Resp: 12263

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.2	15.4
236	27.4	22.1	33.1



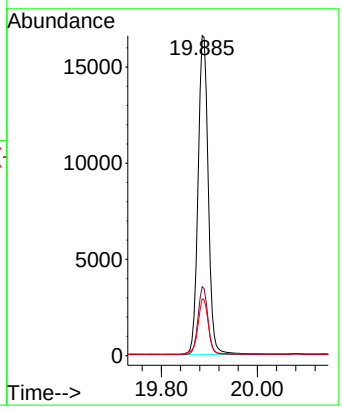


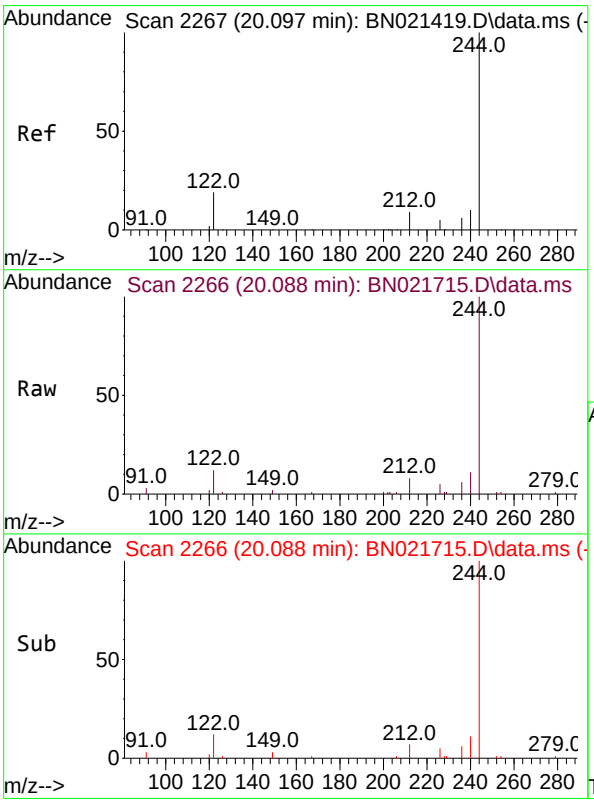
#30
Pyrene
Concen: 0.409 ng
RT: 19.885 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 26740

Ion	Ratio	Lower	Upper
202	100		
200	18.9	13.9	20.9
203	16.1	11.9	17.9

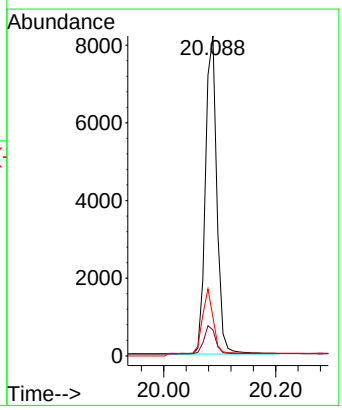


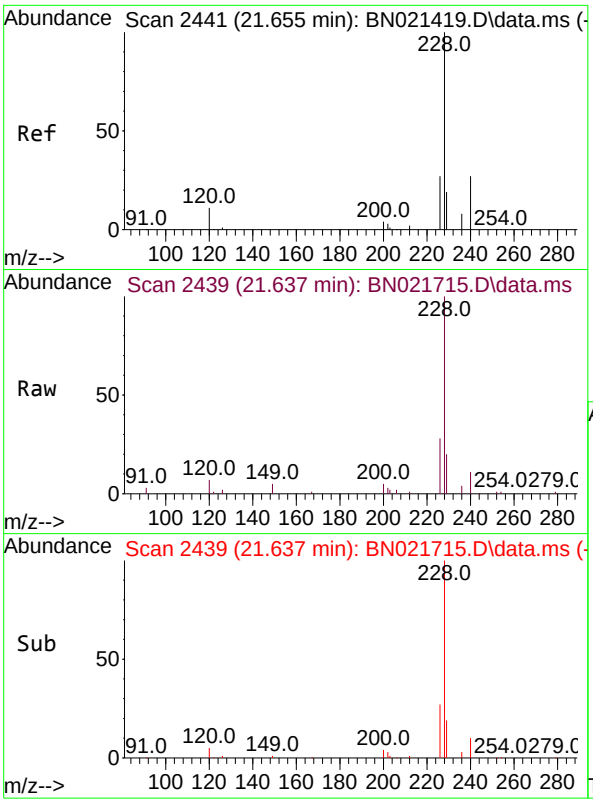


#31
Terphenyl-d14
Concen: 0.421 ng
RT: 20.088 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:244 Resp: 11604

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	12.1	9.1	13.7



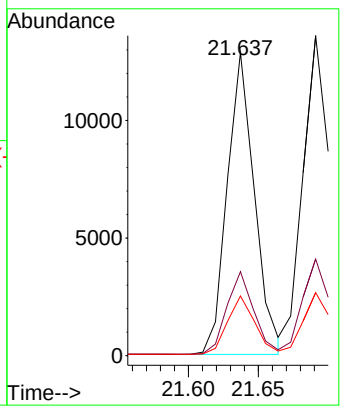


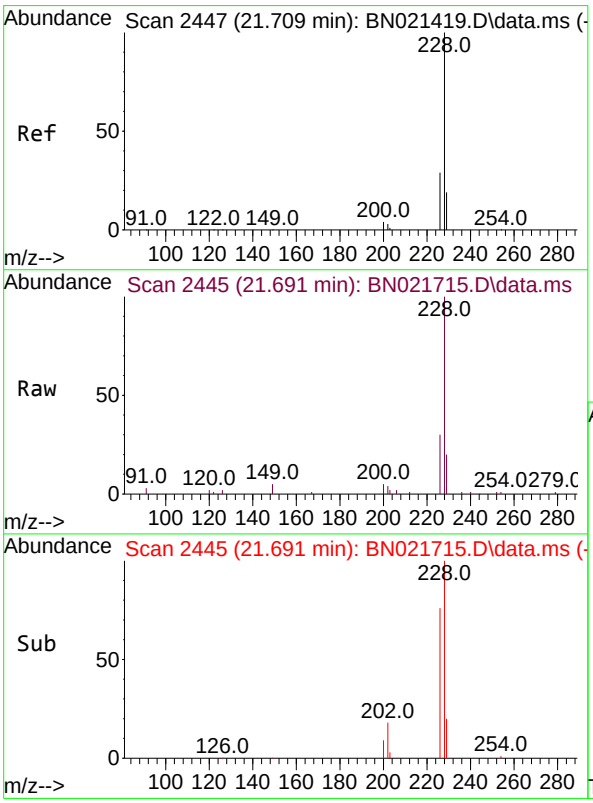
#32
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.637 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17404

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.7	15.9	23.9

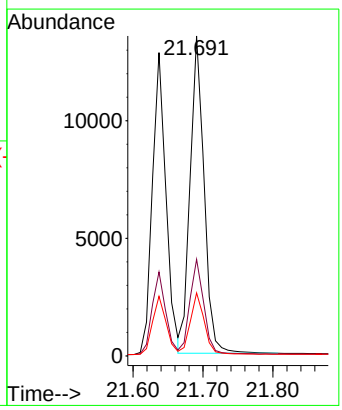


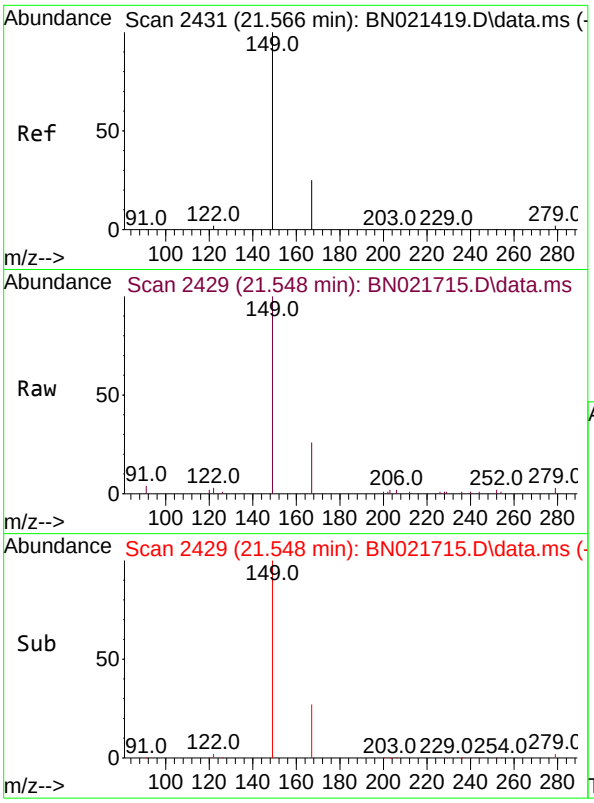


#33
Chrysene
Concen: 0.369 ng
RT: 21.691 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:228 Resp: 18755

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.9	23.9



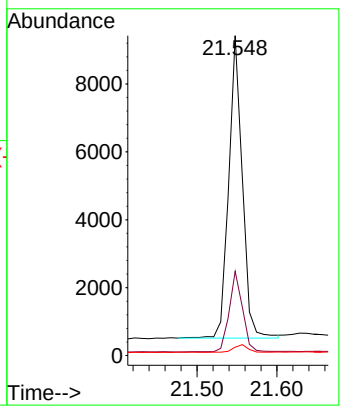


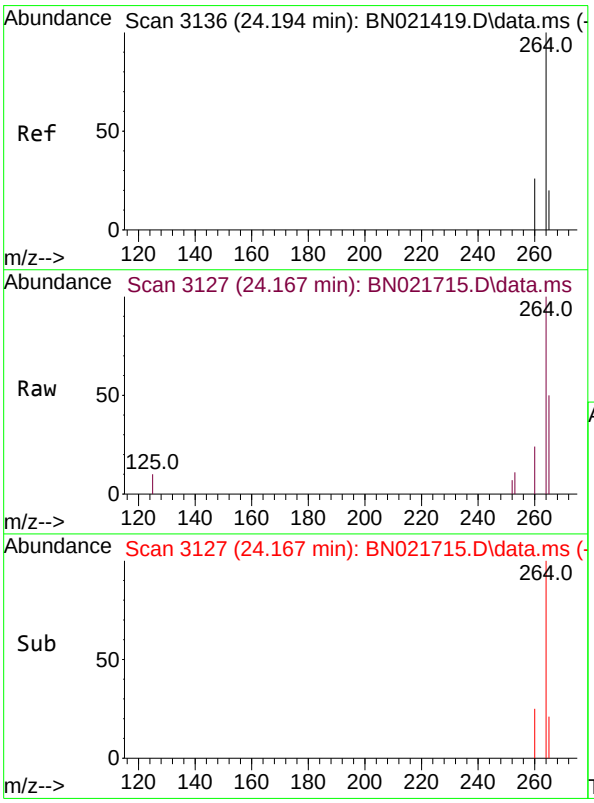
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.611 ng
RT: 21.548 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 10506

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.0
279	2.6	2.2	3.2

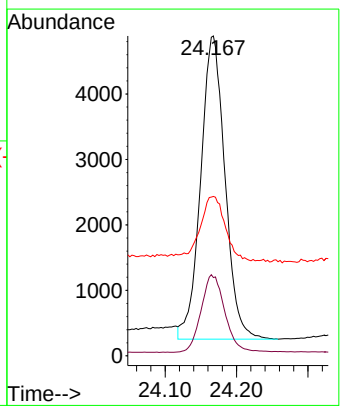


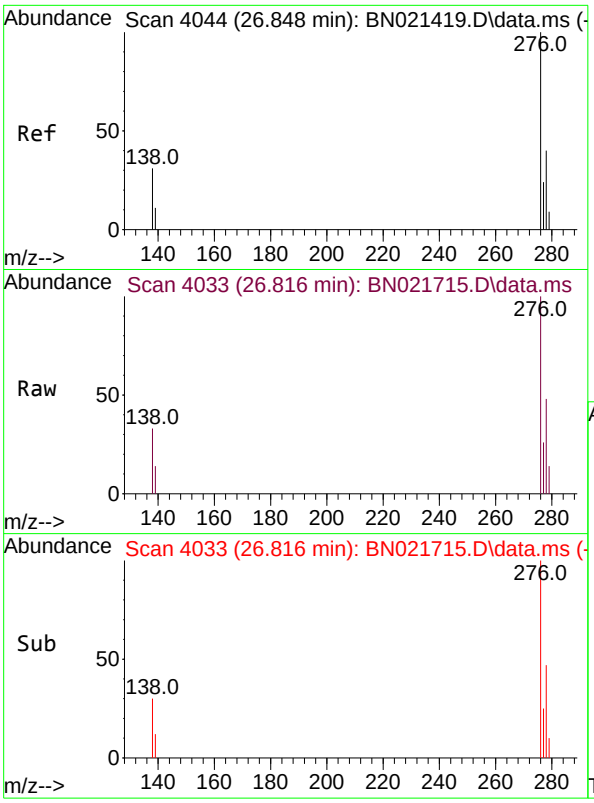


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.167 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:264 Resp: 10939

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.6
265	49.8	32.2	48.2#



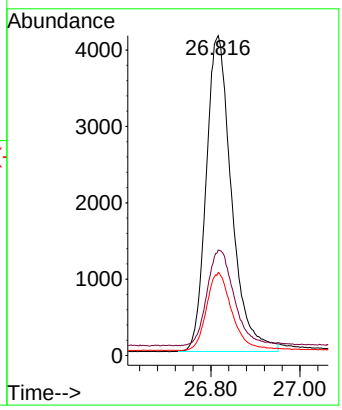


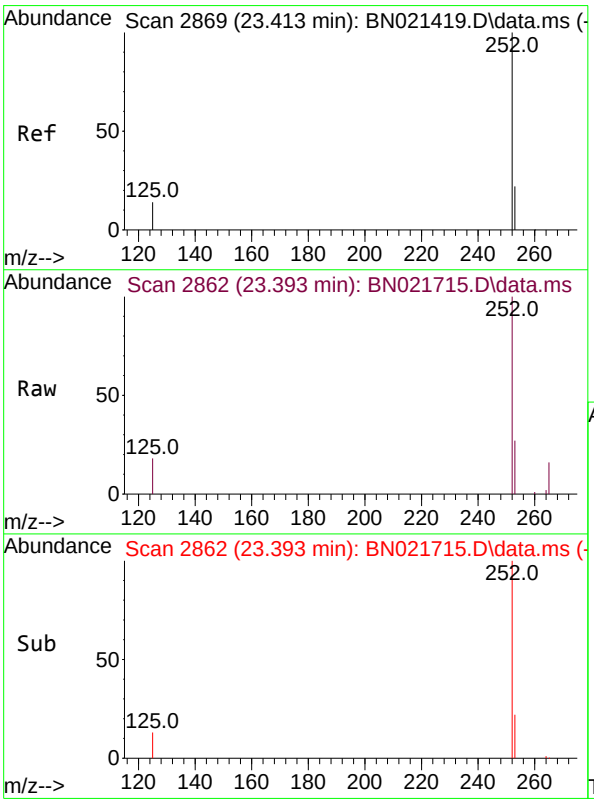
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng
RT: 26.816 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16339

Ion	Ratio	Lower	Upper
276	100		
138	32.1	27.4	41.2
277	25.0	19.9	29.9

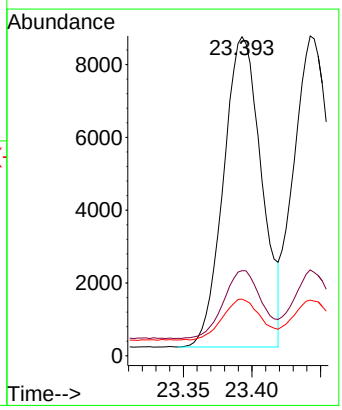


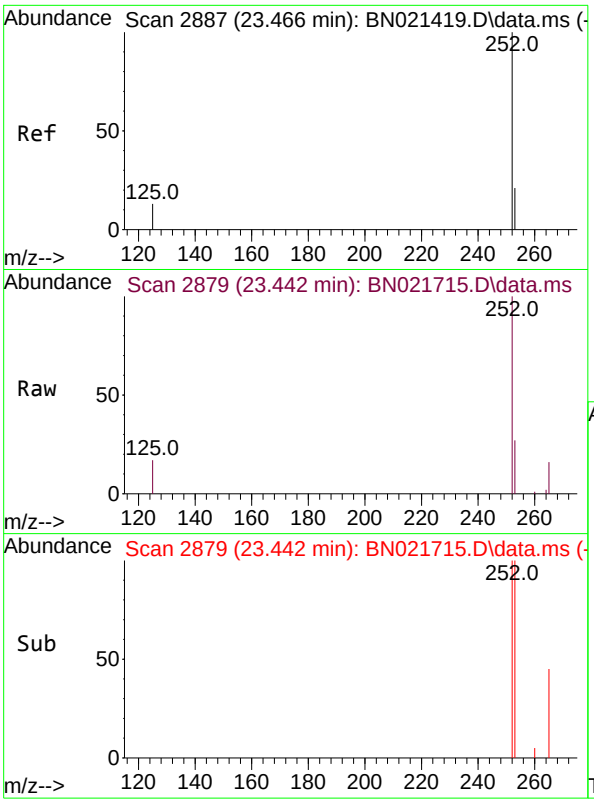


#37
Benzo(b)fluoranthene
Concen: 0.305 ng
RT: 23.393 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:252 Resp: 16433

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.8	29.6
125	17.8	13.7	20.5



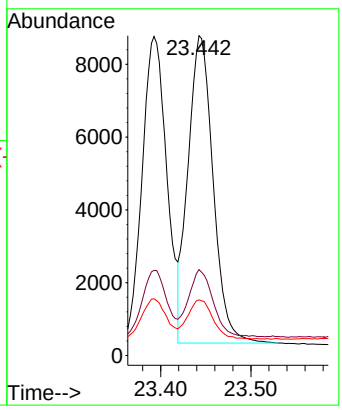


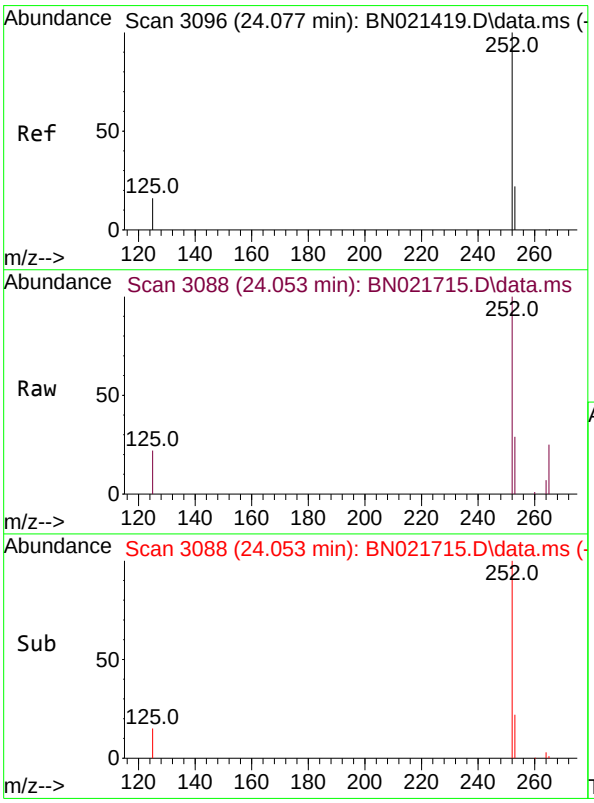
#38
Benzo(k)fluoranthene
Concen: 0.300 ng
RT: 23.442 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16292

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.5	29.3
125	17.4	12.3	18.5

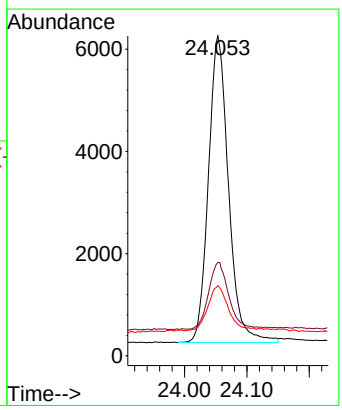


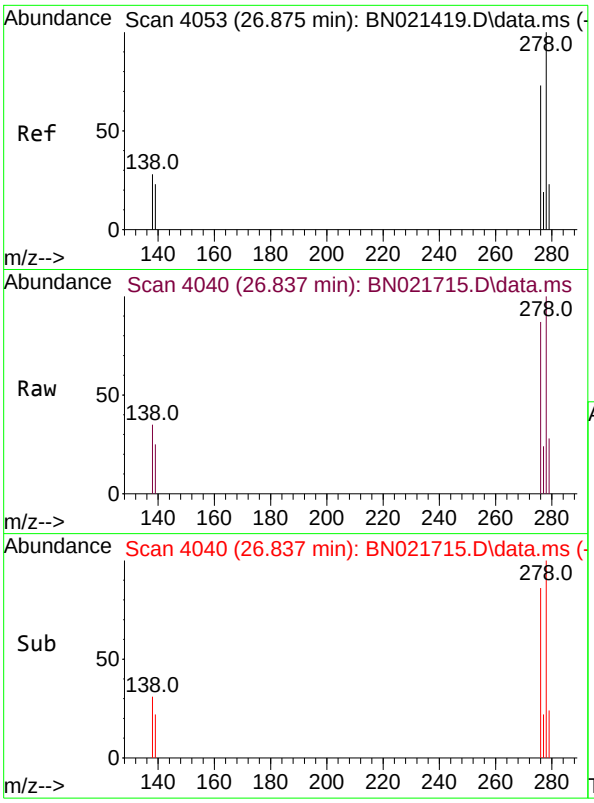


#39
Benzo(a)pyrene
Concen: 0.357 ng
RT: 24.053 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:252 Resp: 13420

Ion	Ratio	Lower	Upper
252	100		
253	29.2	21.1	31.7
125	21.9	16.6	25.0



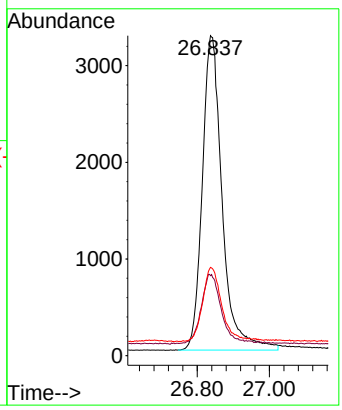


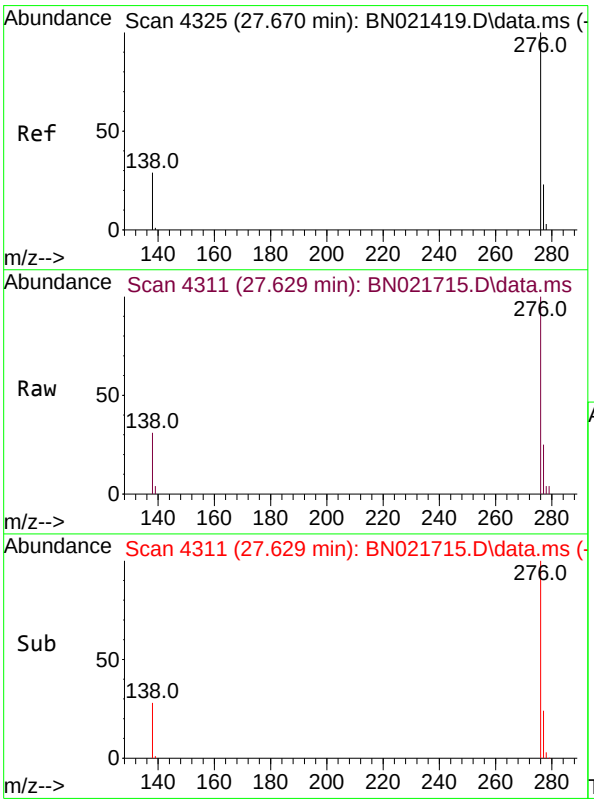
#40
Dibenzo(a,h)anthracene
Concen: 0.312 ng
RT: 26.837 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 12424

Ion	Ratio	Lower	Upper
278	100		
139	25.0	21.8	32.6
279	27.6	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.343 ng
RT: 27.629 min Scan# 4311
Delta R.T. 0.000 min
Lab File: BN021715.D
Acq: 12 Sep 2022 10:46

Tgt Ion:276 Resp: 14975

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.7	29.5
138	30.6	23.7	35.5