Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021713.D
Acq On : 11 Sep 2022 00:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 12 01:15:33 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 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5659	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	18980	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	11162	0.400	ng	-0.01
19) Phenanthrene-d10	17.459	188	21609	0.400	ng	-0.01
29) Chrysene-d12	21.646	240	12679	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	10498	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	6029	0.544	ng	0.00
5) Phenol-d6	7.209	99	7883	0.559	ng	0.00
8) Nitrobenzene-d5	9.233	82	5811	0.453	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	18280	0.427	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1501	0.410	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	17645	0.362	ng	0.00
27) Fluoranthene-d10	19.493	212	19904	0.358	ng	0.00
31) Terphenyl-d14	20.079	244	13058	0.458	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2702	0.382	ng	# 90
3) n-Nitrosodimethylamine	3.735	42	2848	0.447	ng	# 97
6) bis(2-Chloroethyl)ether	7.477	93	7180	0.404	ng	98
9) Naphthalene	10.941	128	21228	0.378	ng	99
10) Hexachlorobutadiene	11.218	225	3564	0.366	ng	# 99
12) 2-Methylnaphthalene	12.176	142	4377	0.594	ng	# 94
16) Acenaphthylene	14.429	152	20145	0.384	ng	100
17) Acenaphthene	14.771	154	13838	0.375	ng	100
18) Fluorene	15.755	166	17287	0.380	ng	100
21) 4-Bromophenyl-phenylether	16.649	248	5168	0.382	ng	97
22) Hexachlorobenzene	16.762	284	6128	0.371	ng	99
23) Atrazine	16.916	200	3876	0.491	ng	96
24) Pentachlorophenol	17.111	266	1138	0.432	ng	95
25) Phenanthrene	17.500	178	27479	0.368	ng	100
26) Anthracene	17.593	178	22791	0.385	ng	100
28) Fluoranthene	19.522	202	26725	0.345	ng	99
30) Pyrene	19.885	202	28195	0.417	ng	95
32) Benzo(a)anthracene	21.628	228	18749	0.425	ng	99
33) Chrysene	21.682	228	19640	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.539	149	13028	0.732	ng	99
36) Indeno(1,2,3-cd)pyrene	26.802	276	18651	0.394	ng	100
37) Benzo(b)fluoranthene	23.384	252	17109	0.331	ng	95
38) Benzo(k)fluoranthene	23.434	252	16389	0.315	ng	96
39) Benzo(a)pyrene	24.045	252	14203	0.393	ng	# 91
40) Dibenzo(a,h)anthracene	26.822	278	14700	0.385	ng	97
41) Benzo(g,h,i)perylene	27.614	276	15353	0.367	ng	99

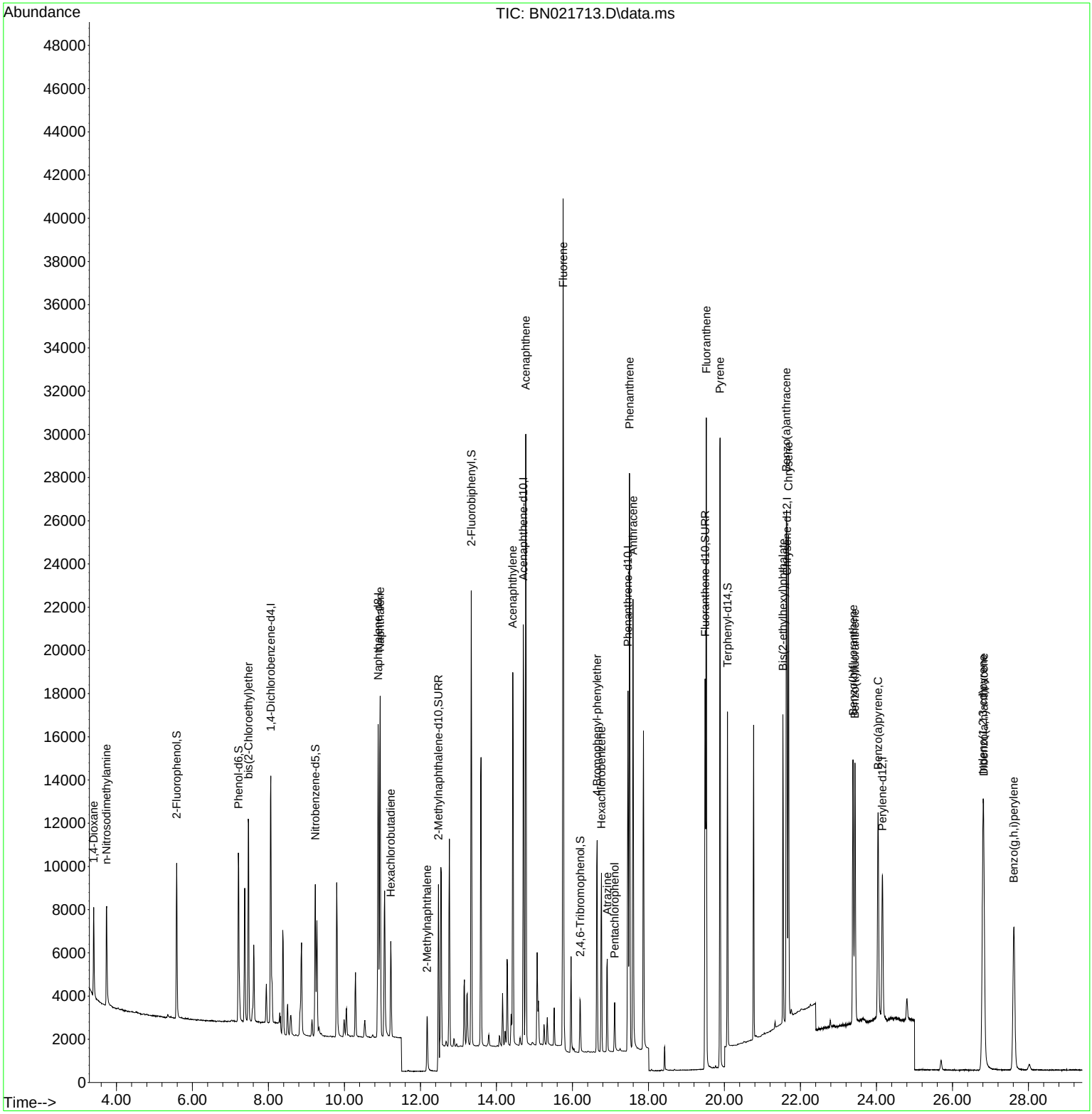
(#) = qualifier out of range (m) = manual integration (+) = signals summed

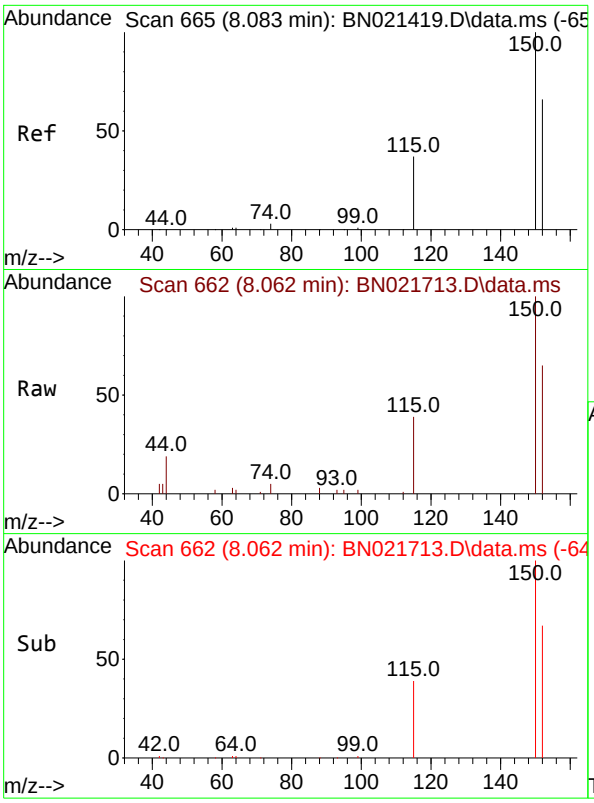
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021713.D
Acq On : 11 Sep 2022 00:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 12 01:15:33 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 09 23:19:14 2022
Response via : Initial Calibration



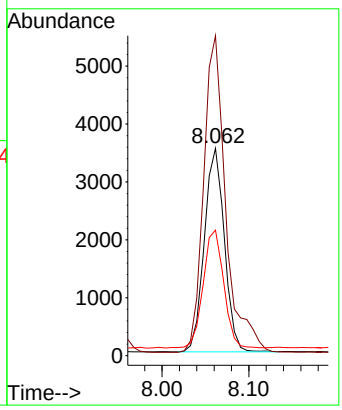


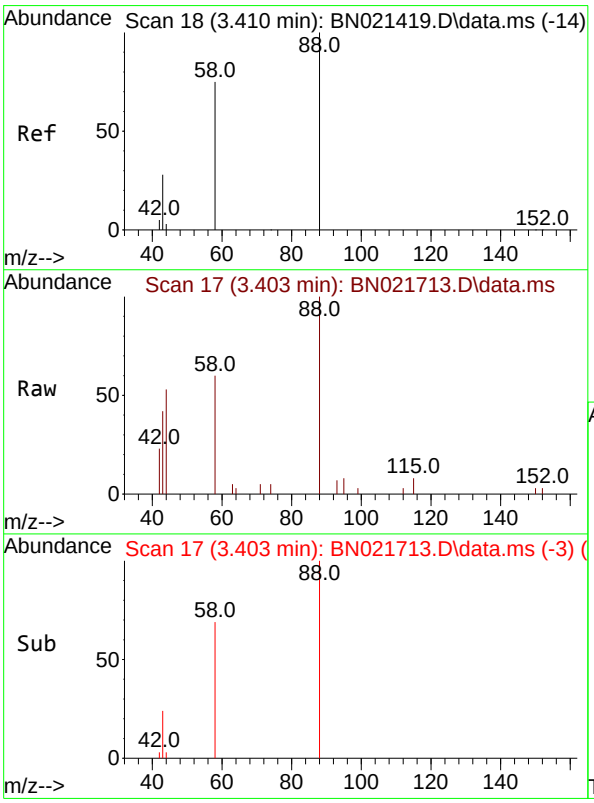
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5659

Ion	Ratio	Lower	Upper
152	100		
150	154.3	121.4	182.0
115	60.5	48.6	72.8

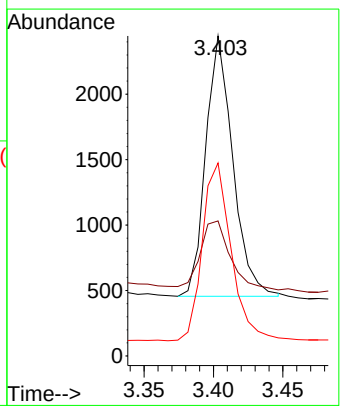


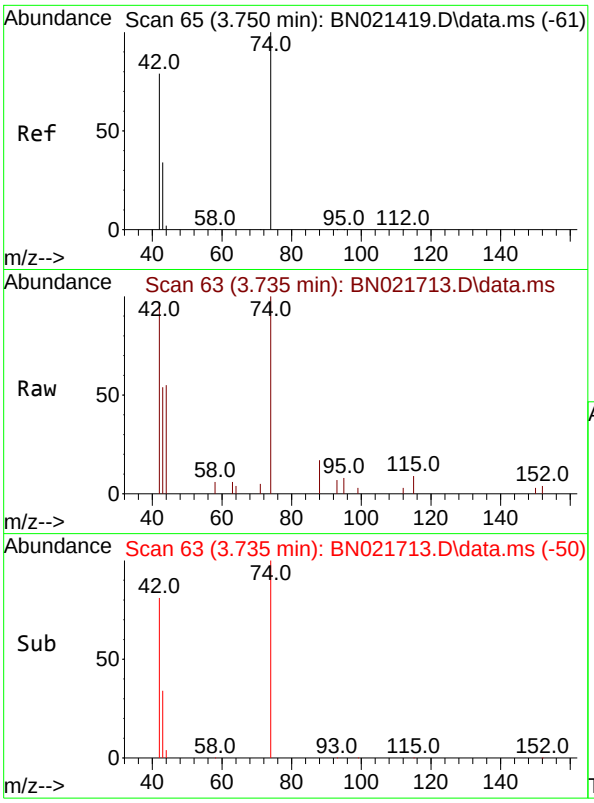


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion: 88 Resp: 2702

Ion	Ratio	Lower	Upper
88	100		
43	29.3	35.8	53.8#
58	72.6	57.1	85.7



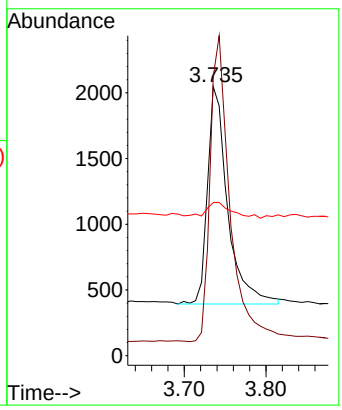


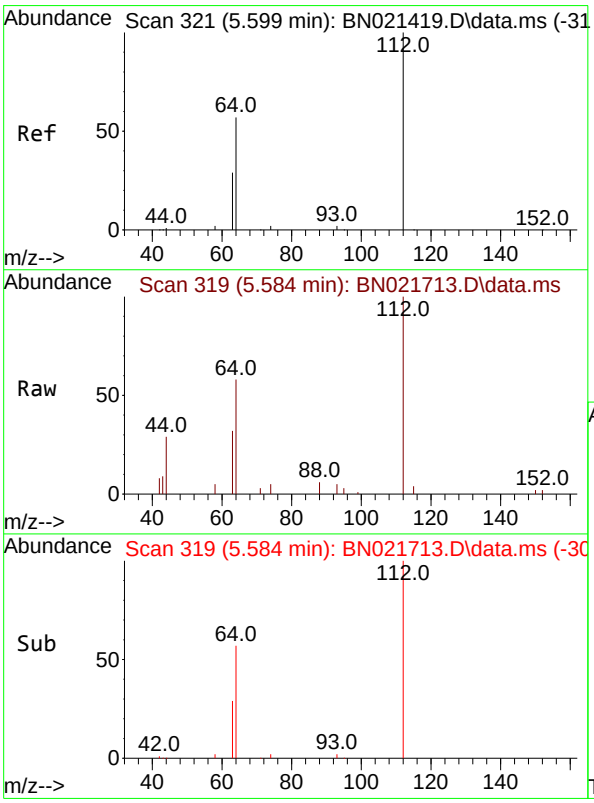
#3
n-Nitrosodimethylamine
Concen: 0.447 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2848

Ion	Ratio	Lower	Upper
42	100		
74	138.4	113.0	169.6
44	9.1	10.5	15.7#

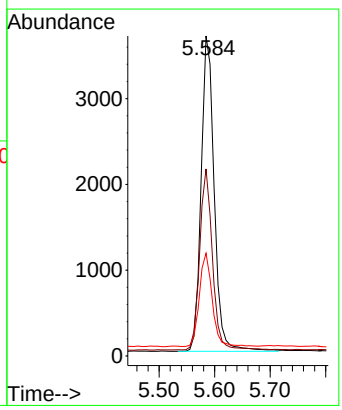


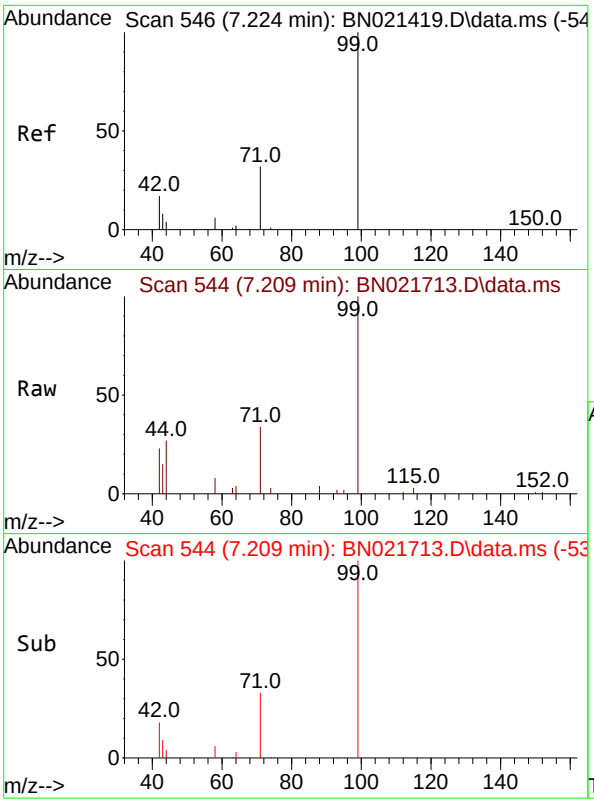


#4
2-Fluorophenol
Concen: 0.544 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:112 Resp: 6029

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.5	65.3
63	29.0	22.6	34.0



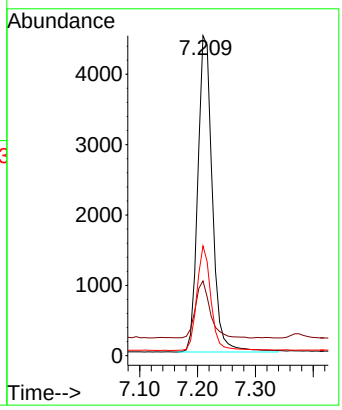


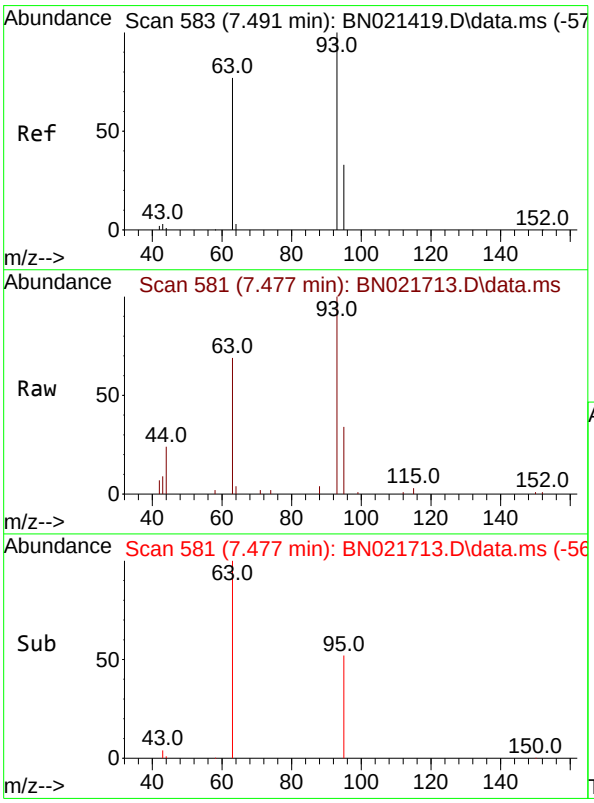
#5
Phenol-d6
Concen: 0.559 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7883

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.5	23.3
71	32.0	24.2	36.2

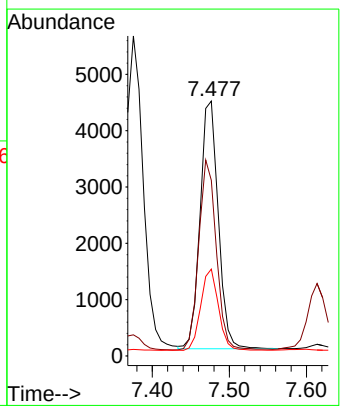


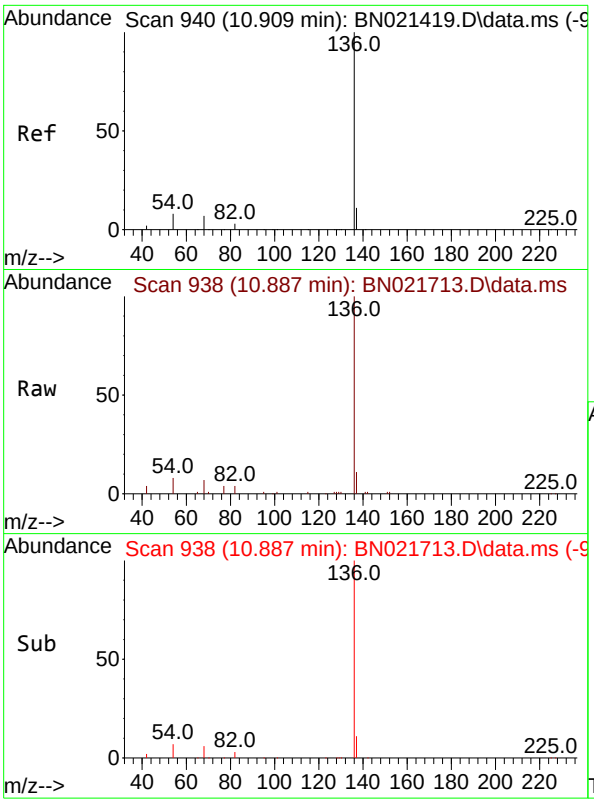


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.477 min Scan# 581
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion: 93 Resp: 7180

Ion	Ratio	Lower	Upper
93	100		
63	74.3	57.8	86.8
95	32.1	25.9	38.9



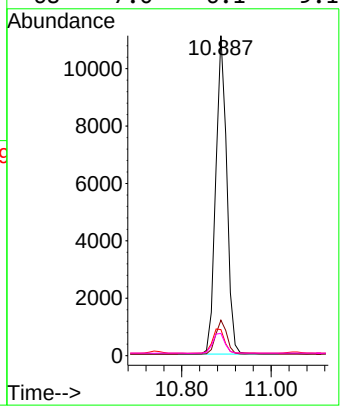


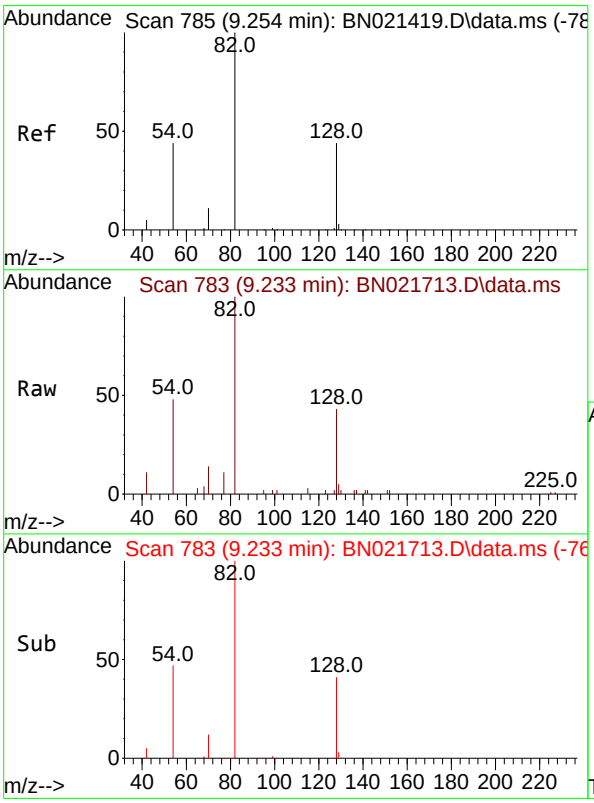
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 18980

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	8.2	6.9	10.3
68	7.0	6.1	9.1

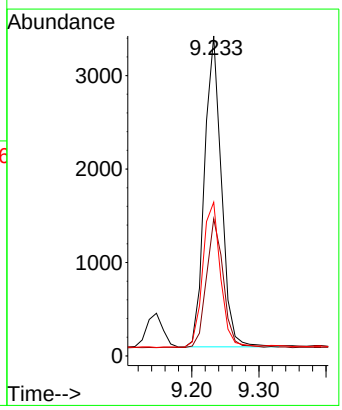


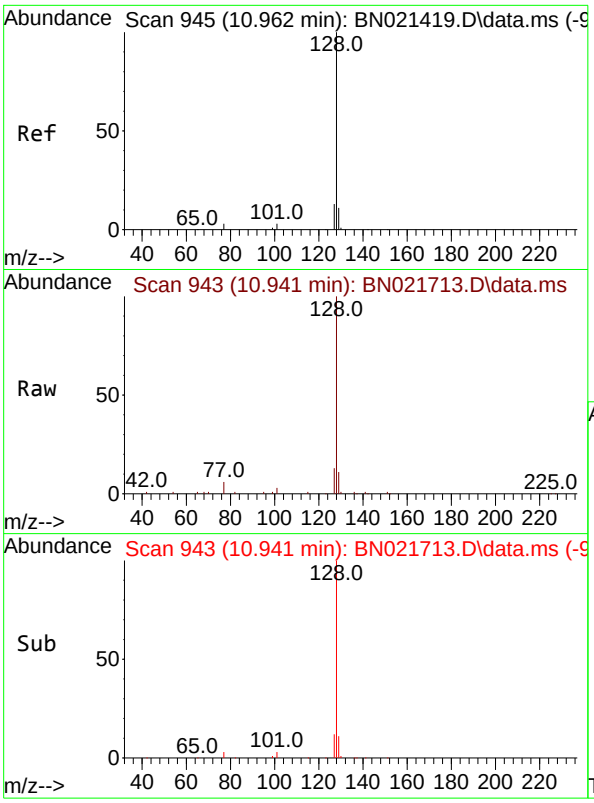


#8
Nitrobenzene-d5
Concen: 0.453 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion: 82 Resp: 5811

Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.9	46.3
54	48.1	42.7	64.1



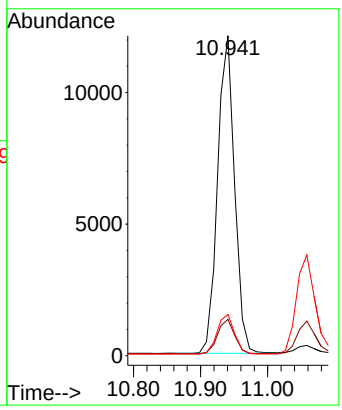


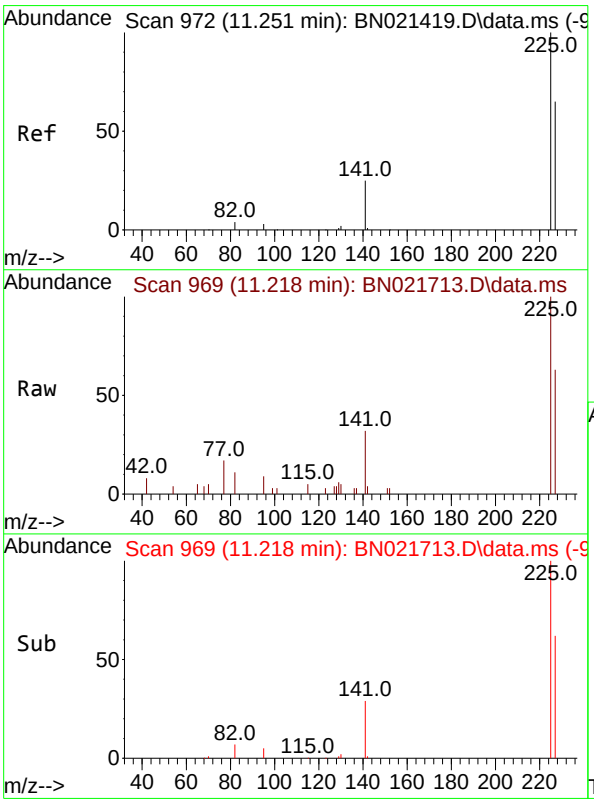
#9
Naphthalene
Concen: 0.378 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 21228

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	12.9	11.0	16.4

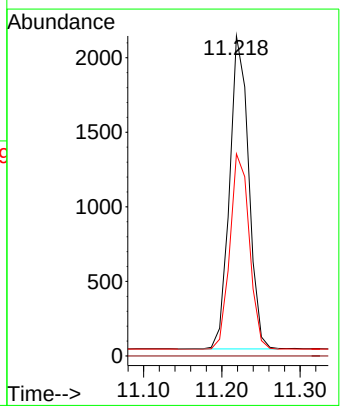


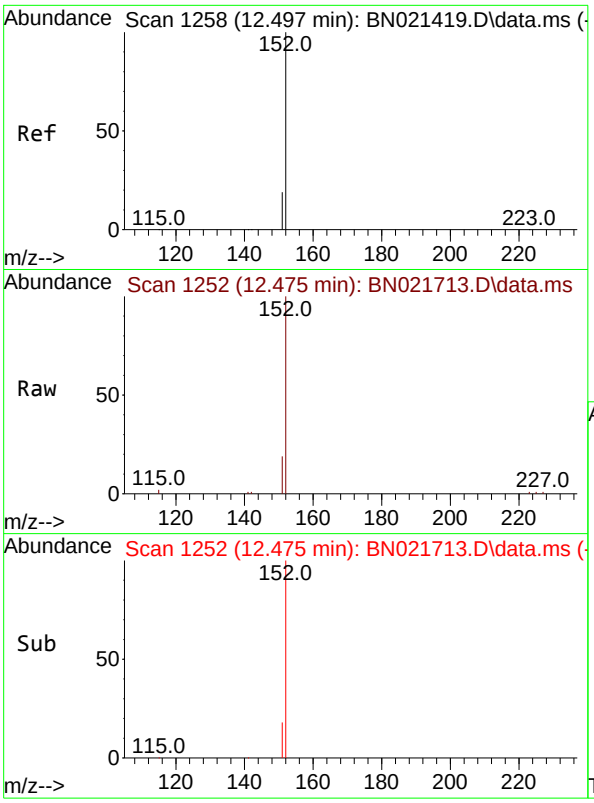


#10
Hexachlorobutadiene
Concen: 0.366 ng
RT: 11.218 min Scan# 969
Delta R.T. -0.011 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:225 Resp: 3564

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



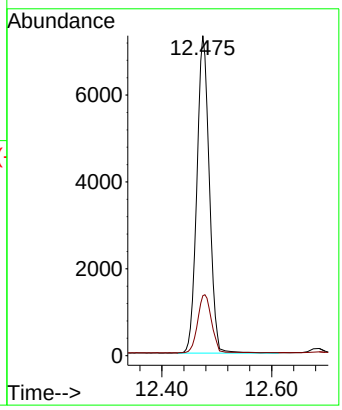


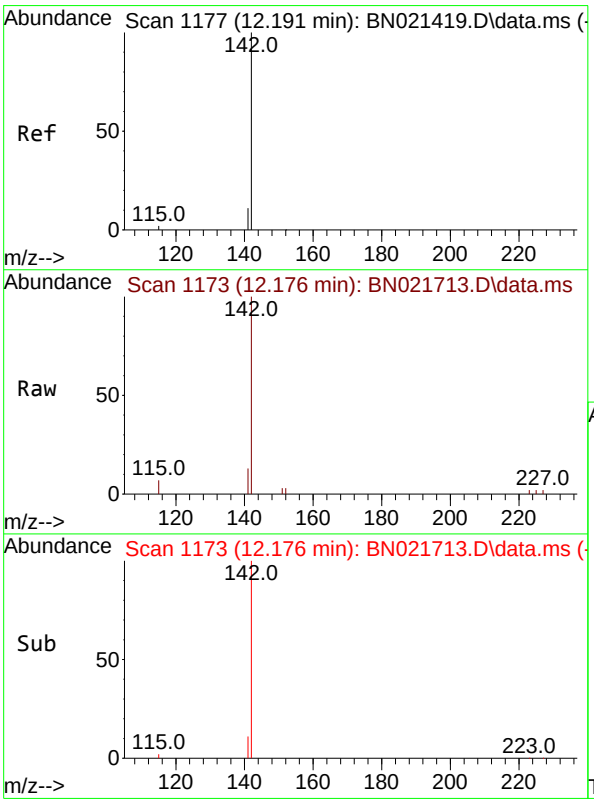
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.475 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 18280

Ion	Ratio	Lower	Upper
152	100		
151	18.2	14.5	21.7

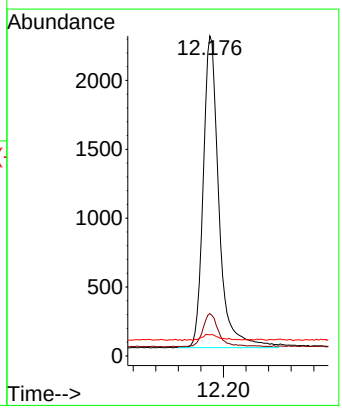


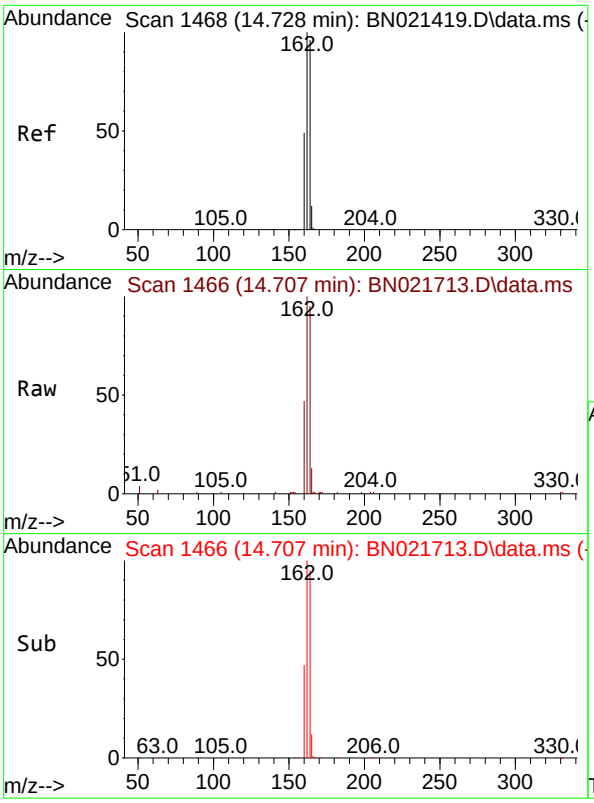


#12
2-Methylnaphthalene
Concen: 0.594 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:142 Resp: 4377

Ion	Ratio	Lower	Upper
142	100		
141	13.3	12.2	18.2
115	6.6	7.9	11.9#



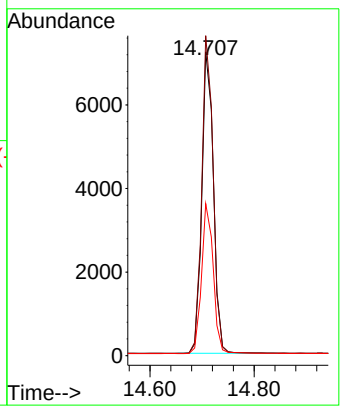


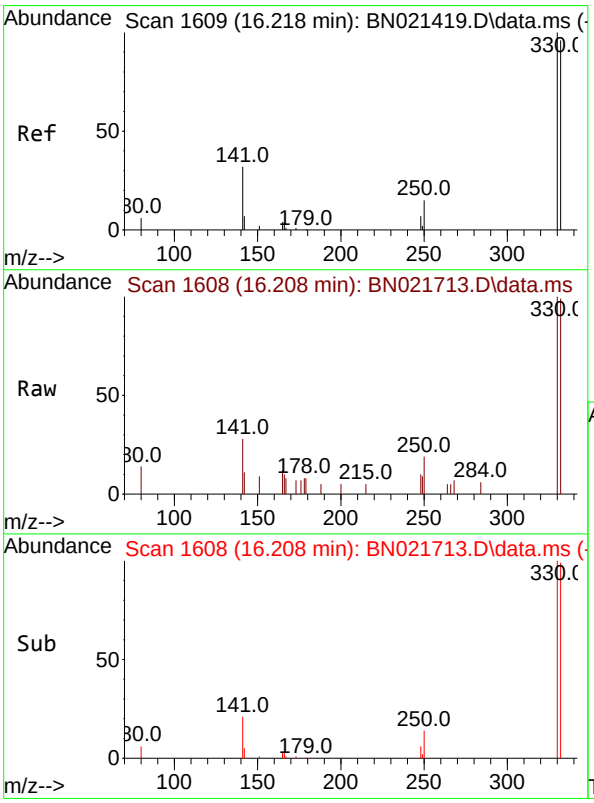
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 11162

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	50.0	39.5	59.3

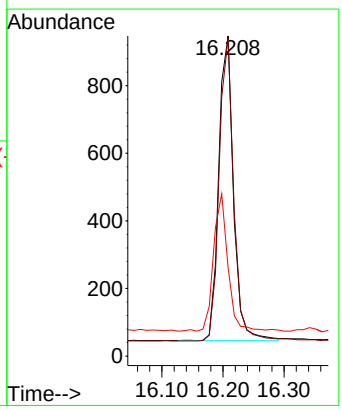


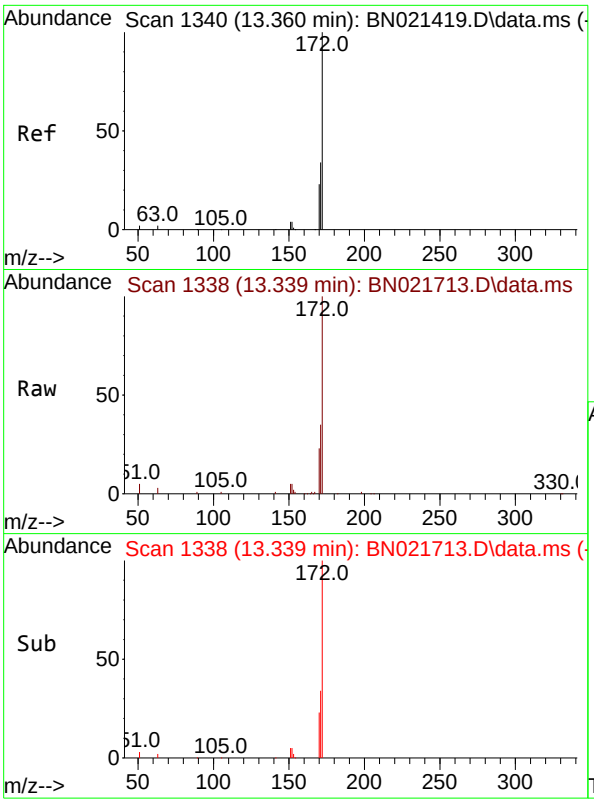


#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:330 Resp: 1501

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.3	118.9
141	44.2	37.1	55.7



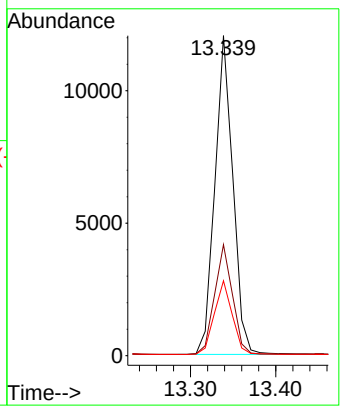


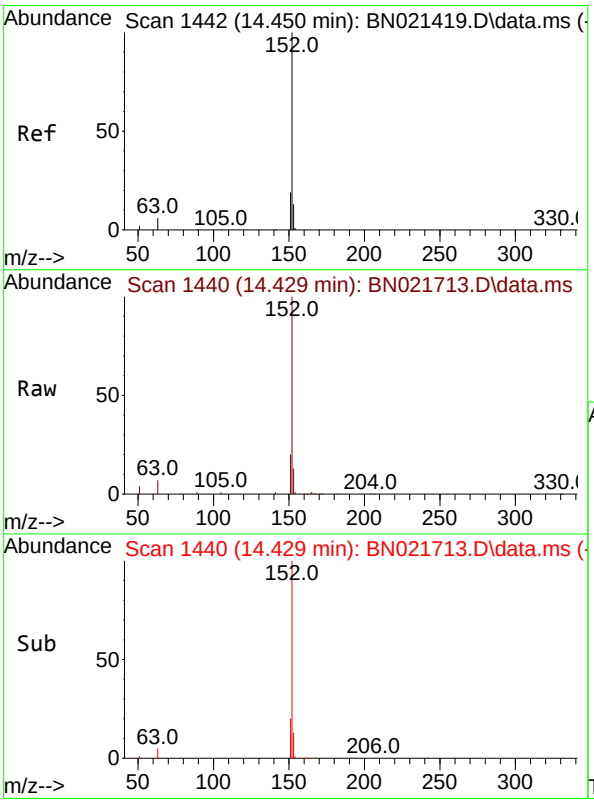
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 17645

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.4	18.6	28.0

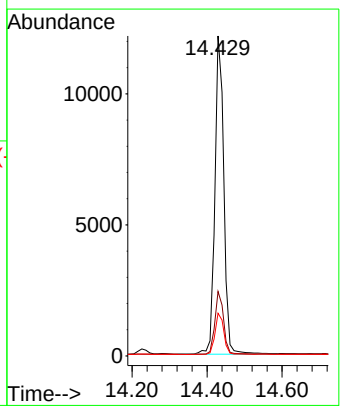


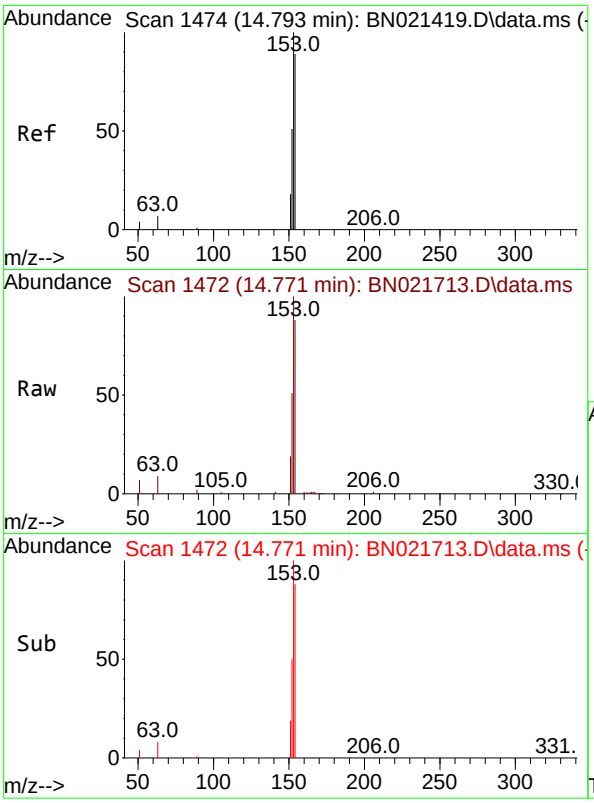


#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.011 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:152 Resp: 20145

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



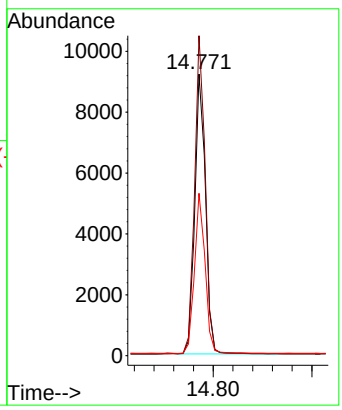


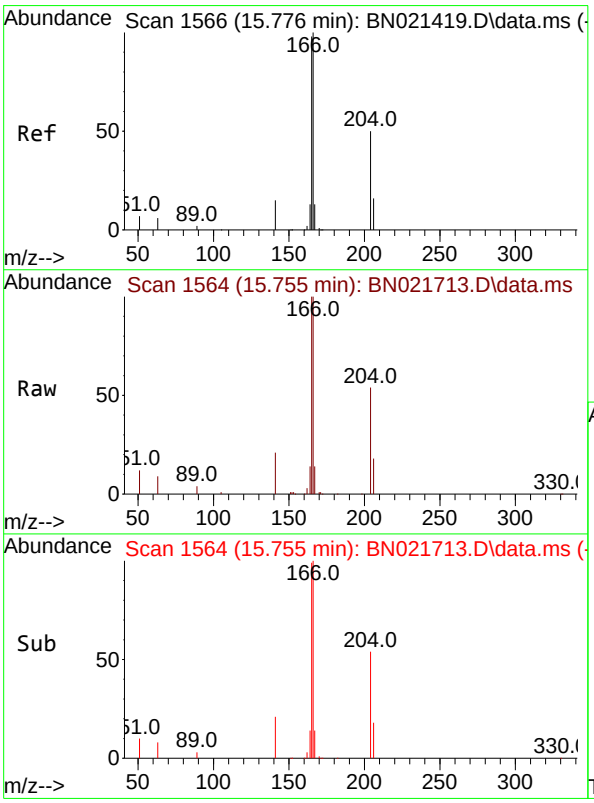
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 13838

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	57.1	45.5	68.3

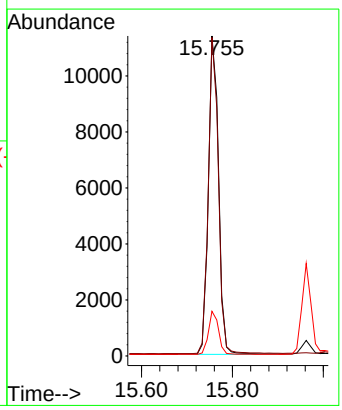


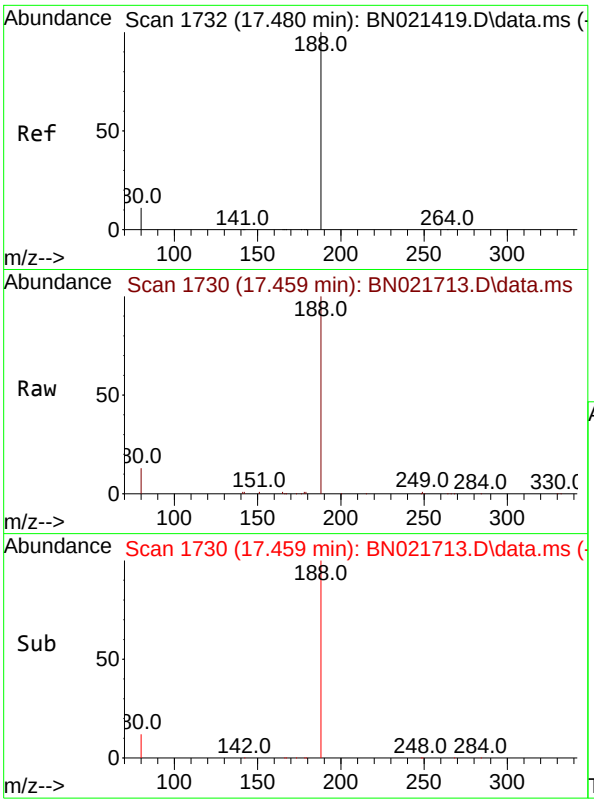


#18
Fluorene
Concen: 0.380 ng
RT: 15.755 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:166 Resp: 17287

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.6	10.6	16.0



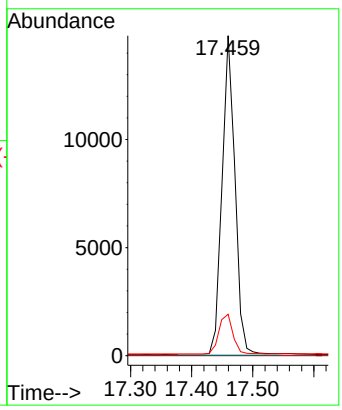


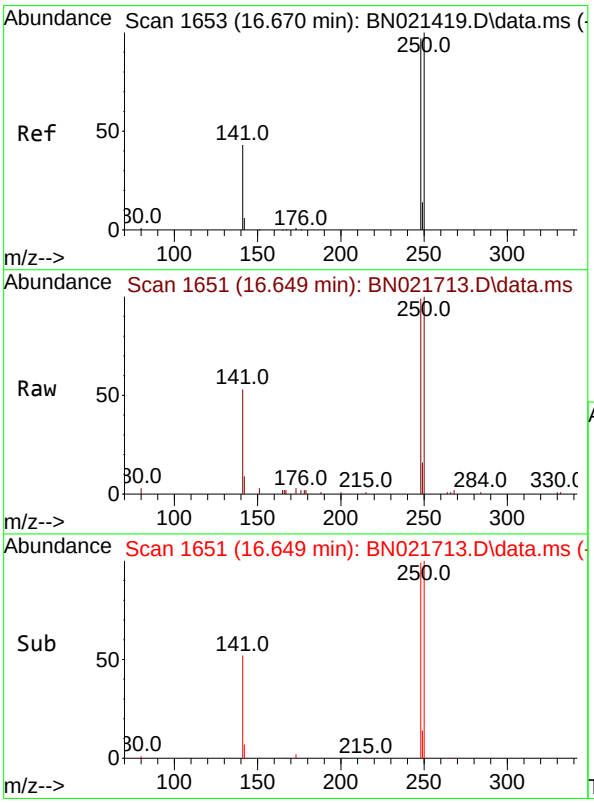
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 21609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	9.5	14.3

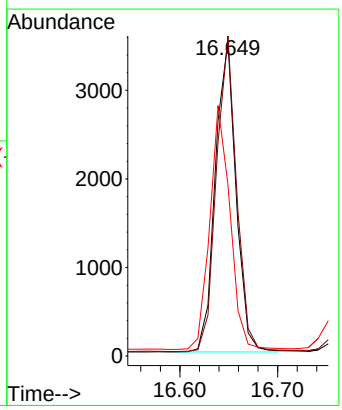


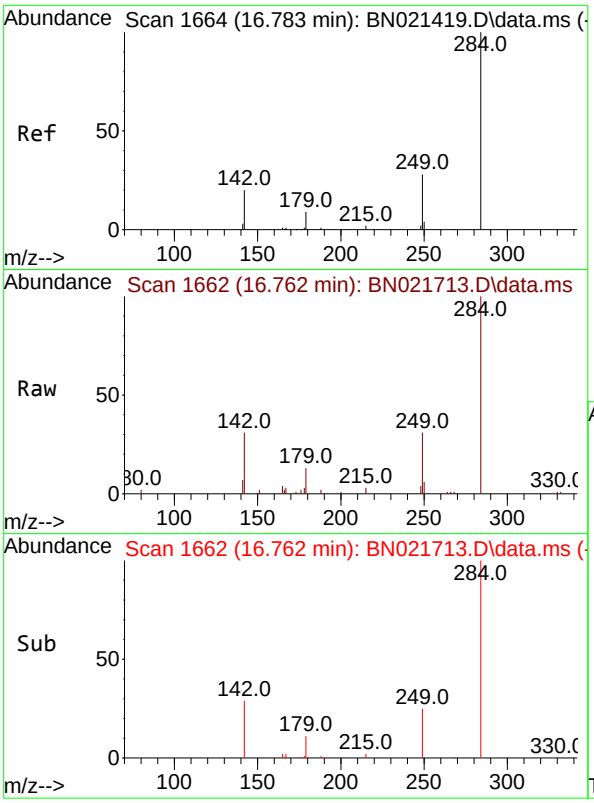


#21
4-Bromophenyl-phenylether
Concen: 0.382 ng
RT: 16.649 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:248 Resp: 5168

Ion	Ratio	Lower	Upper
248	100		
250	101.5	81.8	122.6
141	54.3	38.5	57.7



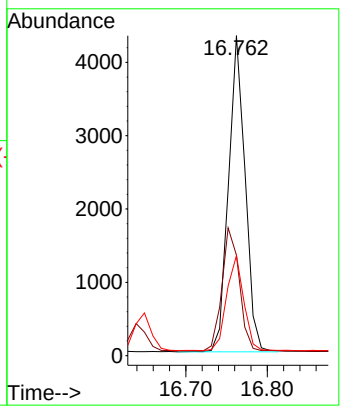


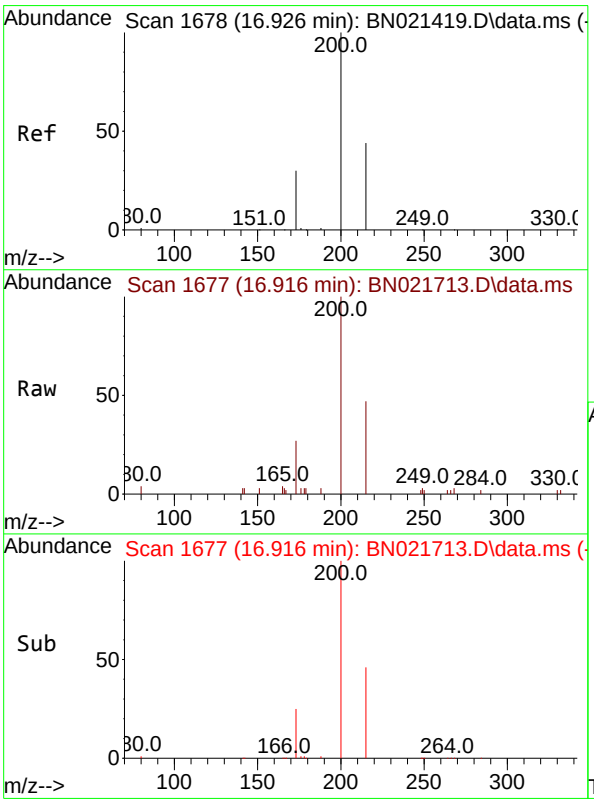
#22
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6128

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.3	48.5
249	30.7	25.4	38.2

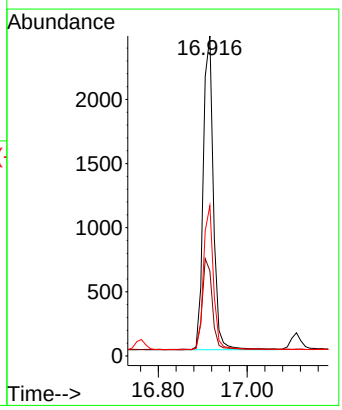


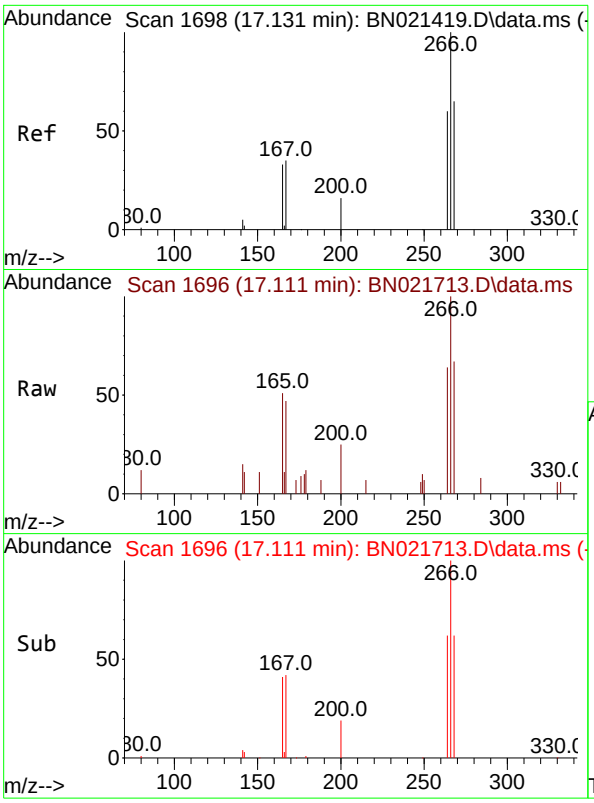


#23
Atrazine
Concen: 0.491 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:200 Resp: 3876

Ion	Ratio	Lower	Upper
200	100		
173	26.6	24.3	36.5
215	47.0	38.4	57.6



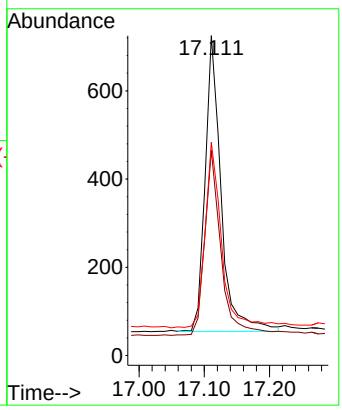


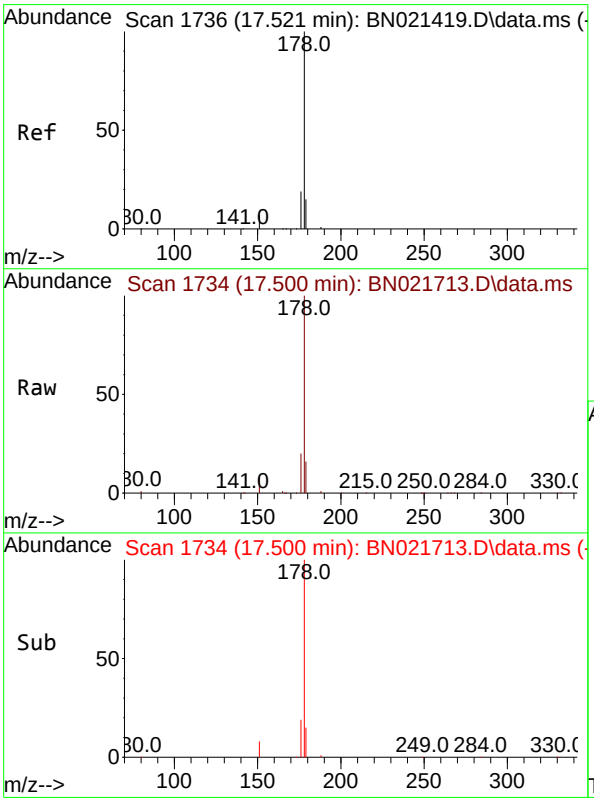
#24
Pentachlorophenol
Concen: 0.432 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 1138

Ion	Ratio	Lower	Upper
266	100		
264	66.1	49.0	73.6
268	66.0	50.9	76.3

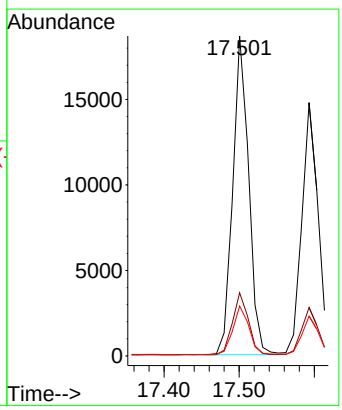


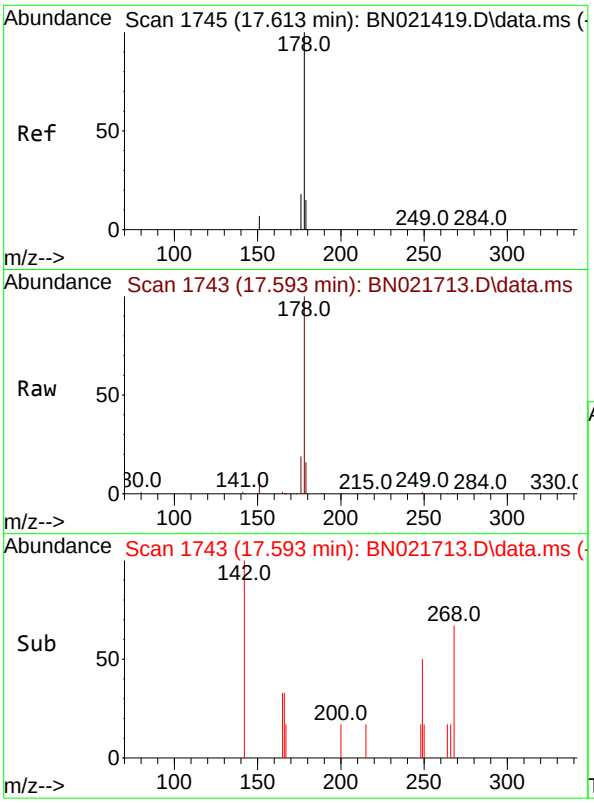


#25
Phenanthrene
Concen: 0.368 ng
RT: 17.500 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:178 Resp: 27479

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.2	18.4



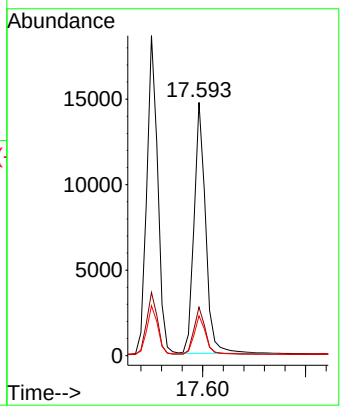


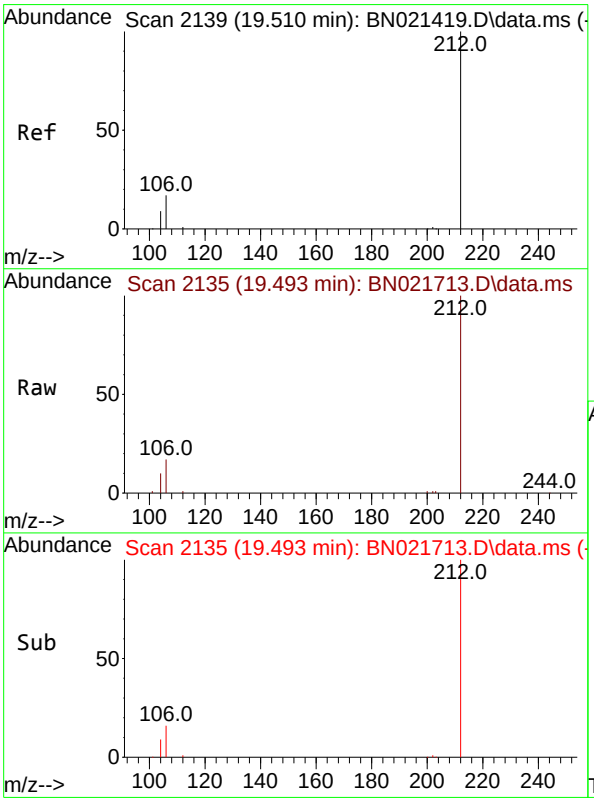
#26
Anthracene
Concen: 0.385 ng
RT: 17.593 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 22791

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.1	12.2	18.2

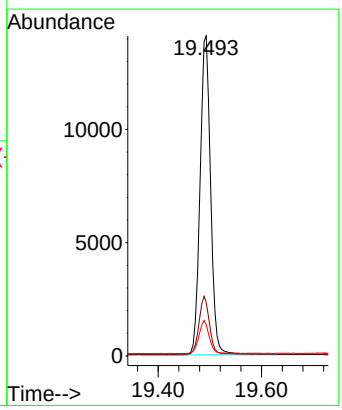


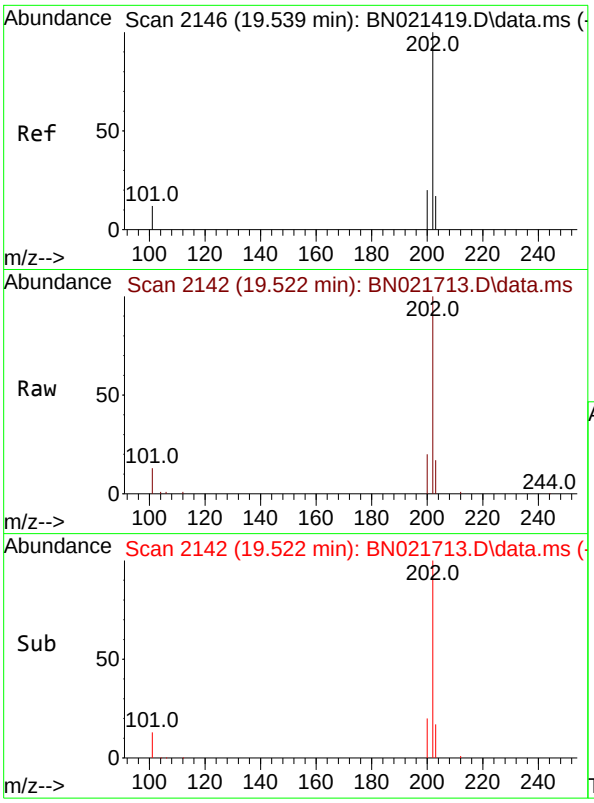


#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:212 Resp: 19904

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



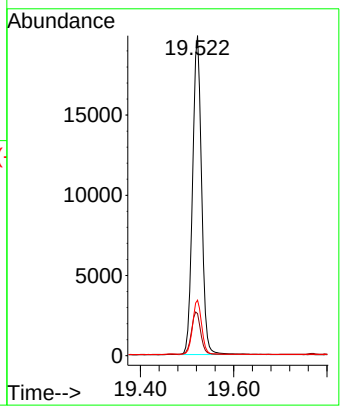


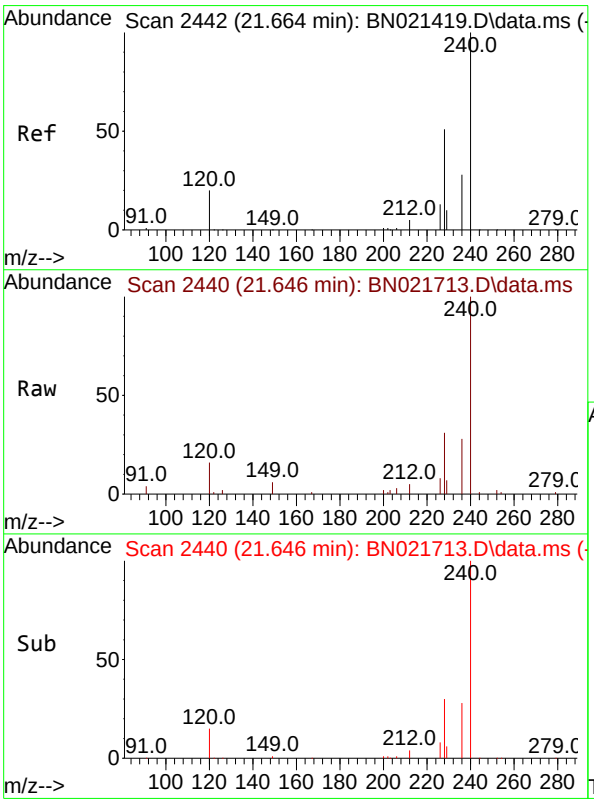
#28
Fluoranthene
Concen: 0.345 ng
RT: 19.522 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 26725

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
203	17.0	13.8	20.6

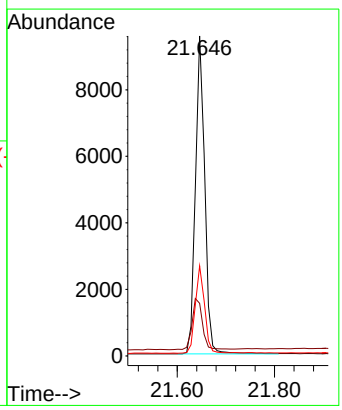


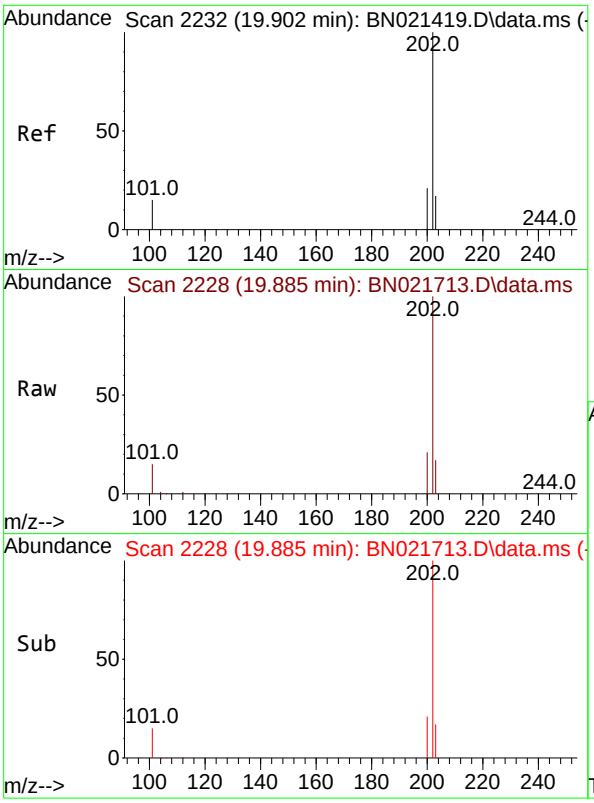


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.646 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:240 Resp: 12679

Ion	Ratio	Lower	Upper
240	100		
120	16.4	10.2	15.4#
236	28.2	22.1	33.1



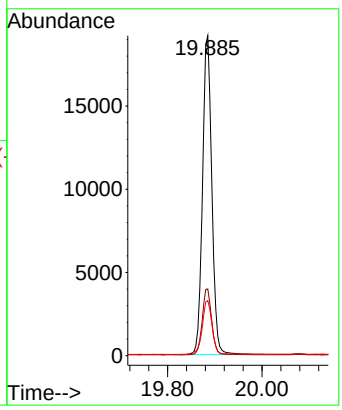


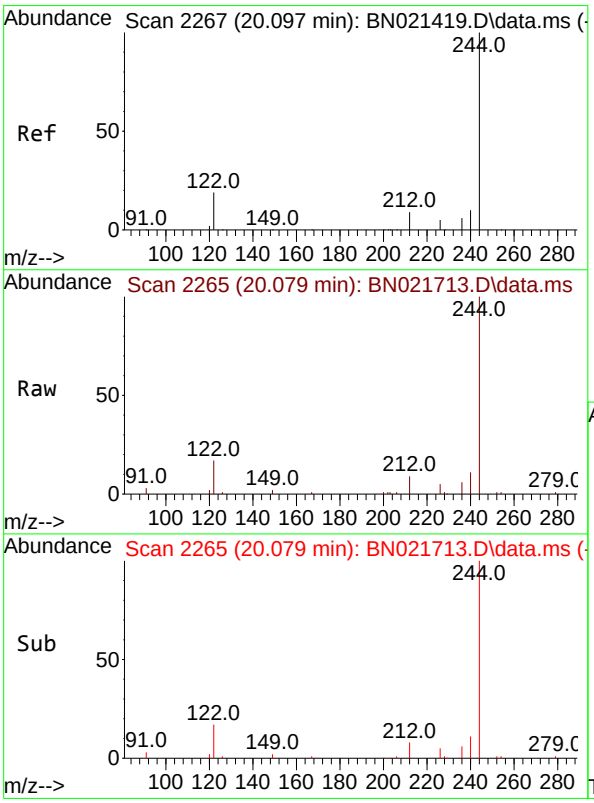
#30
Pyrene
Concen: 0.417 ng
RT: 19.885 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28195

Ion	Ratio	Lower	Upper
202	100		
200	19.6	13.9	20.9
203	16.7	11.9	17.9

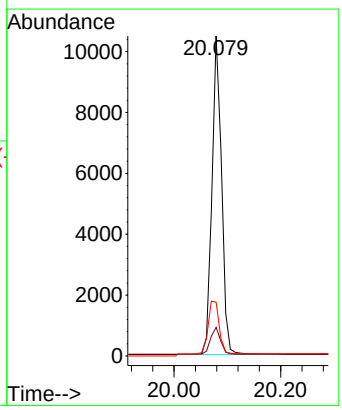


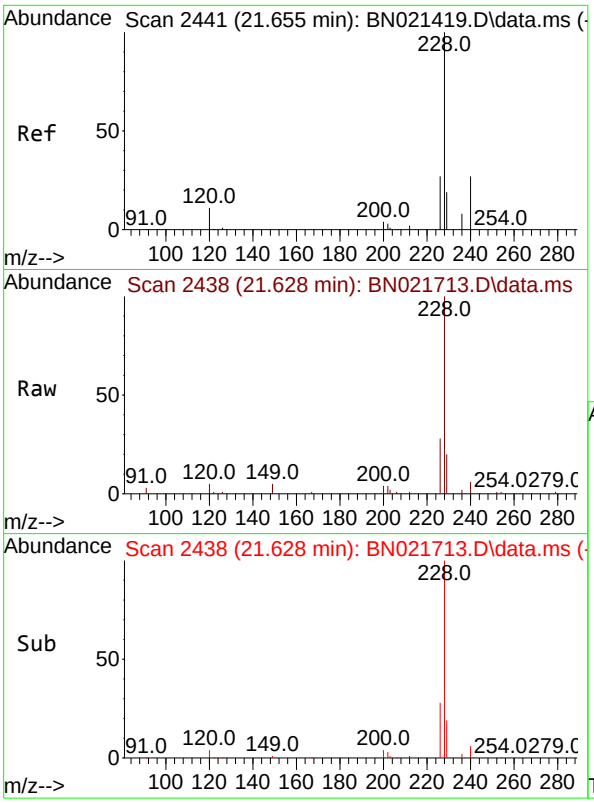


#31
Terphenyl-d14
Concen: 0.458 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:244 Resp: 13058

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	16.8	9.1	13.7#



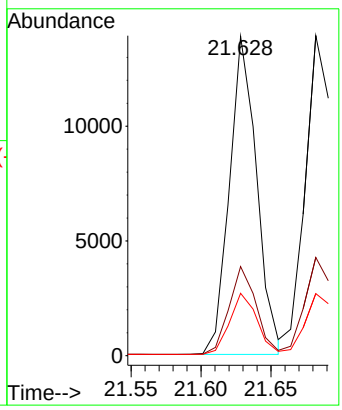


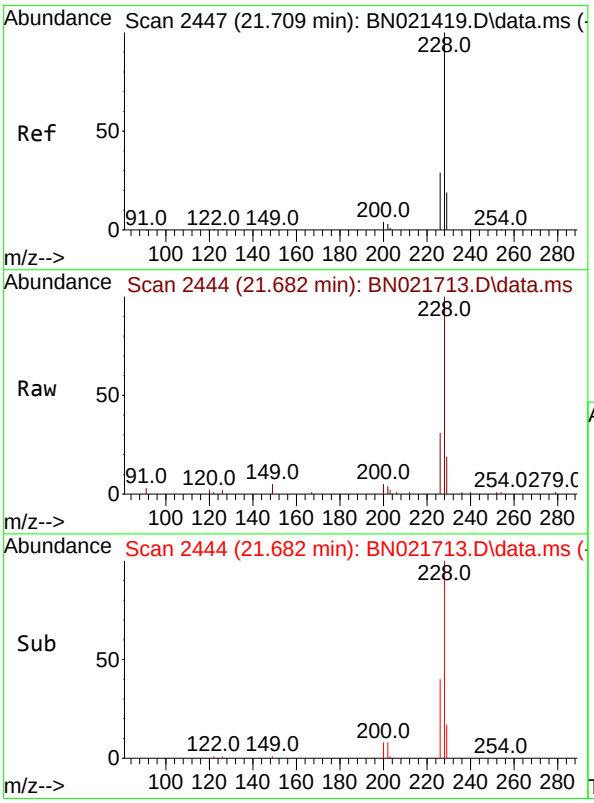
#32
Benzo(a)anthracene
Concen: 0.425 ng
RT: 21.628 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18749

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	19.5	15.9	23.9

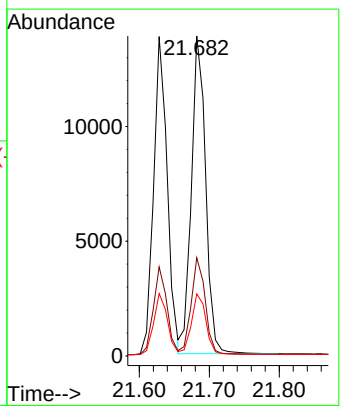


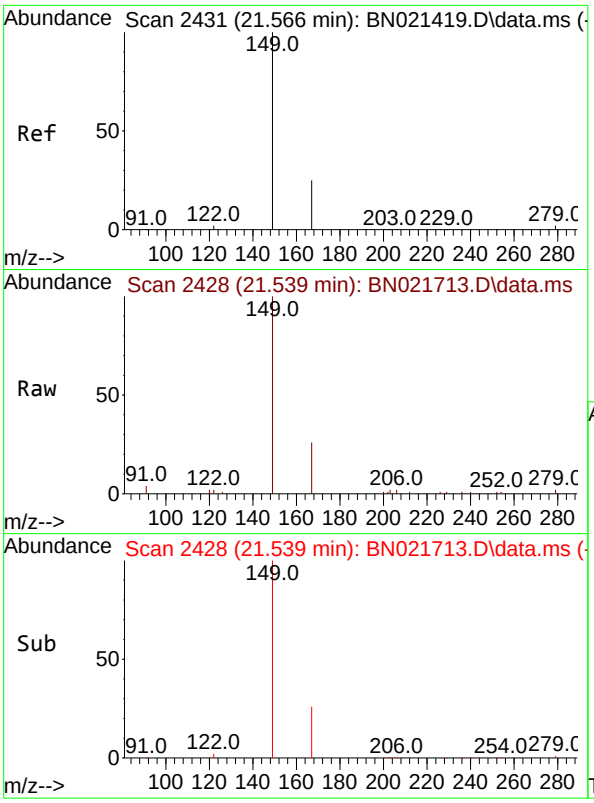


#33
Chrysene
Concen: 0.373 ng
RT: 21.682 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:228 Resp: 19640

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.4	15.9	23.9



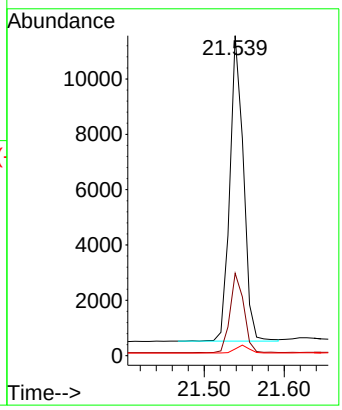


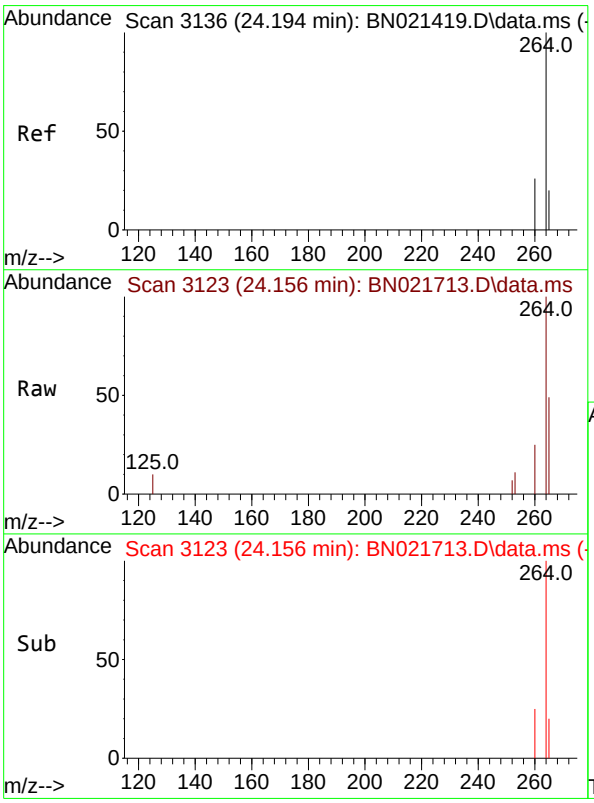
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.732 ng
RT: 21.539 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 13028

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.4	32.0
279	2.9	2.2	3.2

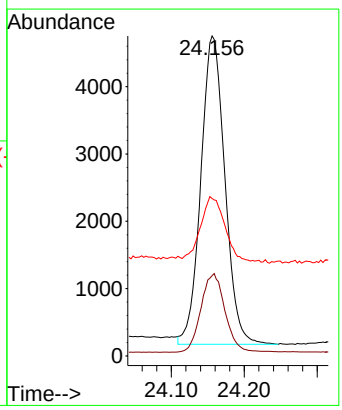


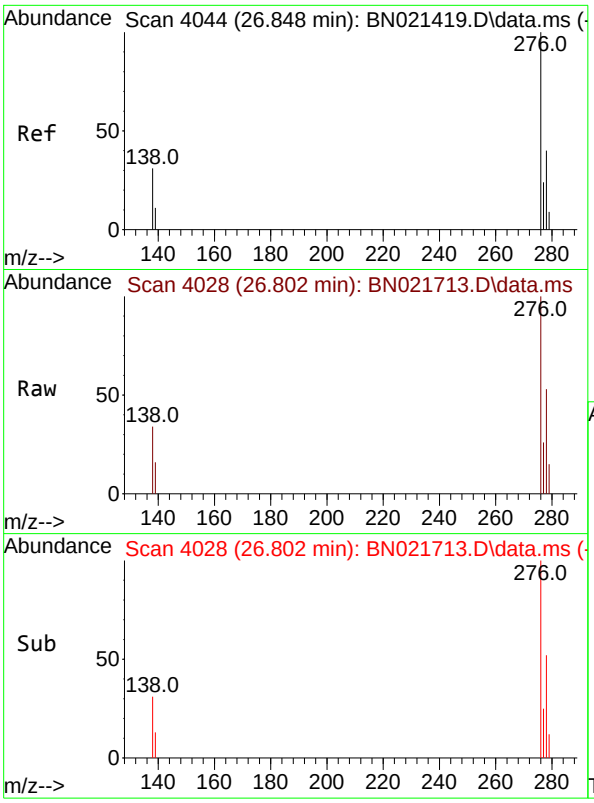


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.156 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:264 Resp: 10498

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.0	31.6
265	49.2	32.2	48.2#



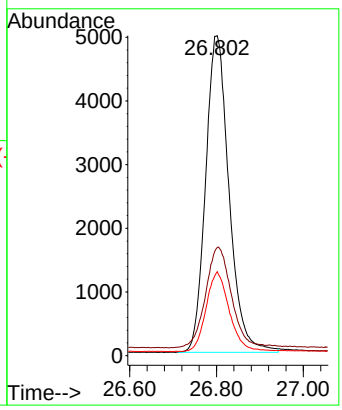


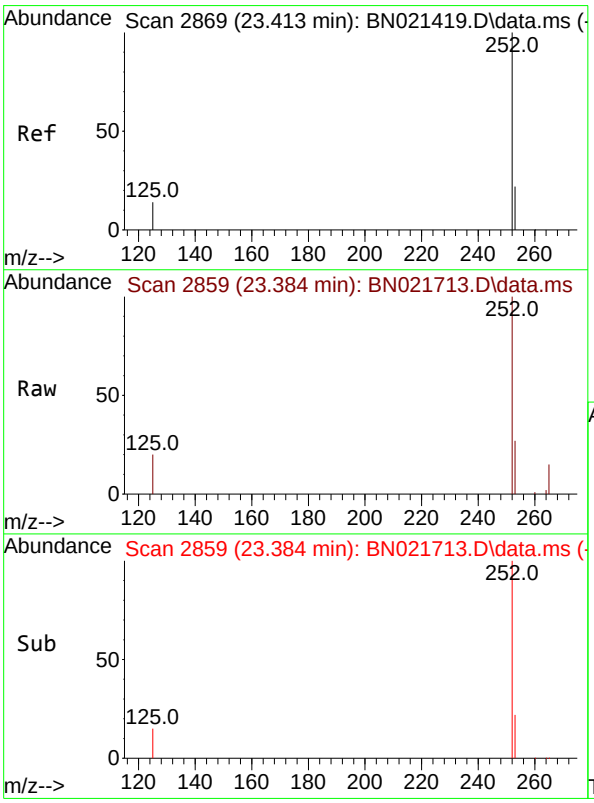
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.802 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 18651

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	24.9	19.9	29.9

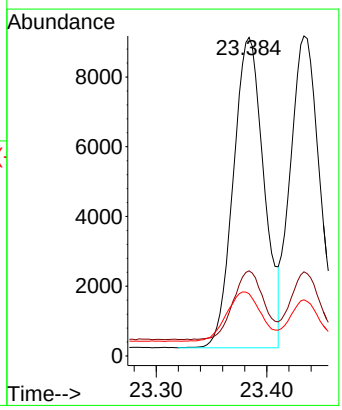


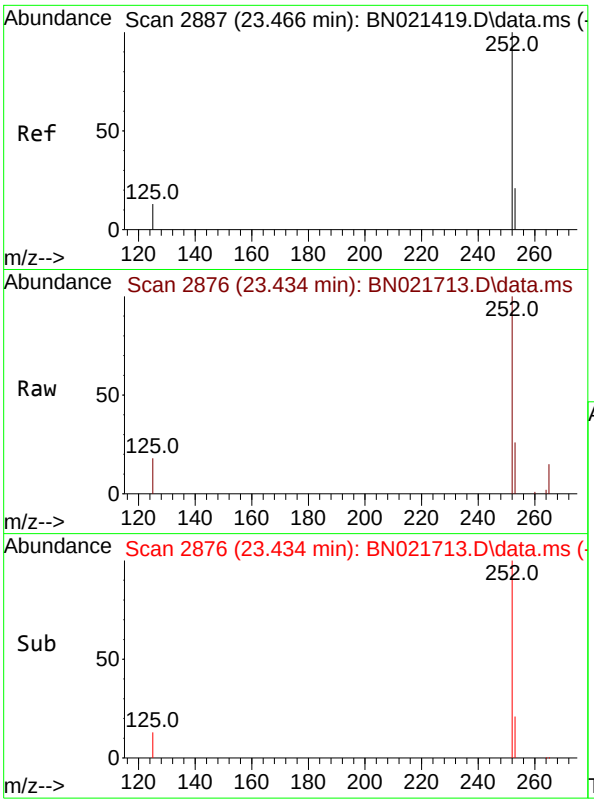


#37
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 23.384 min Scan# 2859
Delta R.T. -0.012 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:252 Resp: 17109

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.8	29.6
125	19.5	13.7	20.5



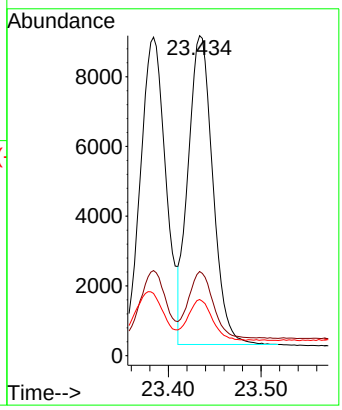


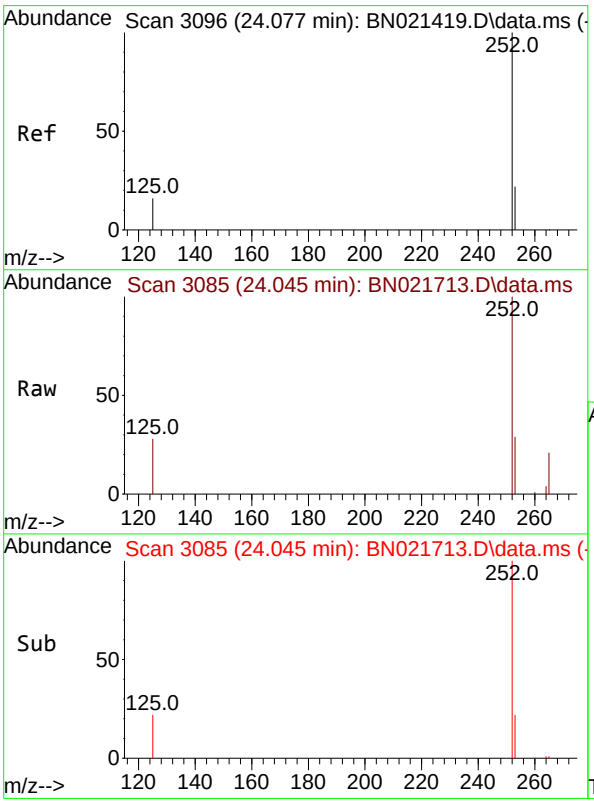
#38
Benzo(k)fluoranthene
Concen: 0.315 ng
RT: 23.434 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16389

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.5	29.3
125	17.6	12.3	18.5

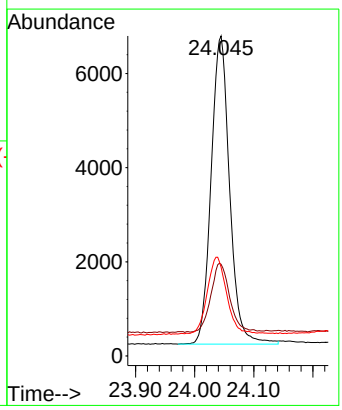


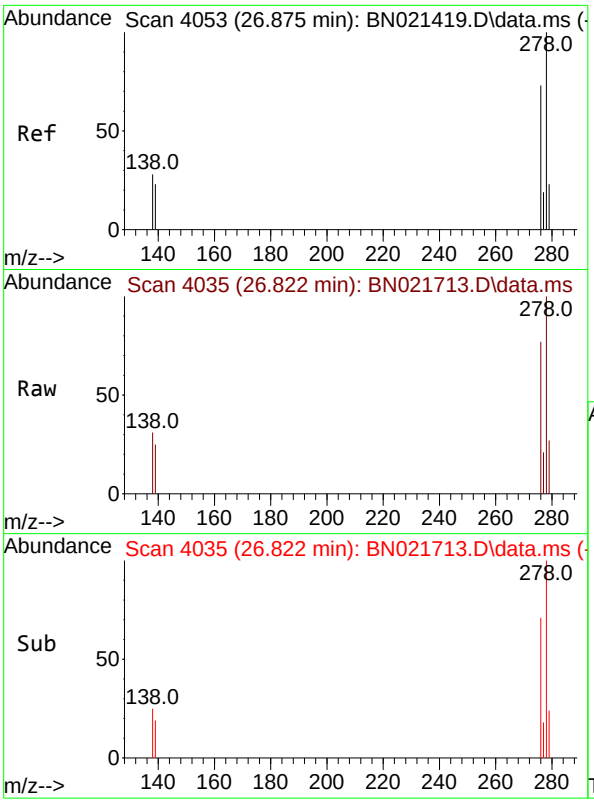


#39
Benzo(a)pyrene
Concen: 0.393 ng
RT: 24.045 min Scan# 3085
Delta R.T. -0.015 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:252 Resp: 14203

Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.1	31.7
125	27.8	16.6	25.0#



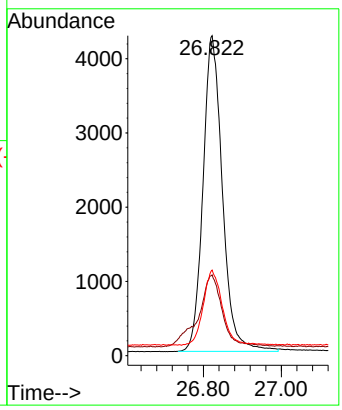


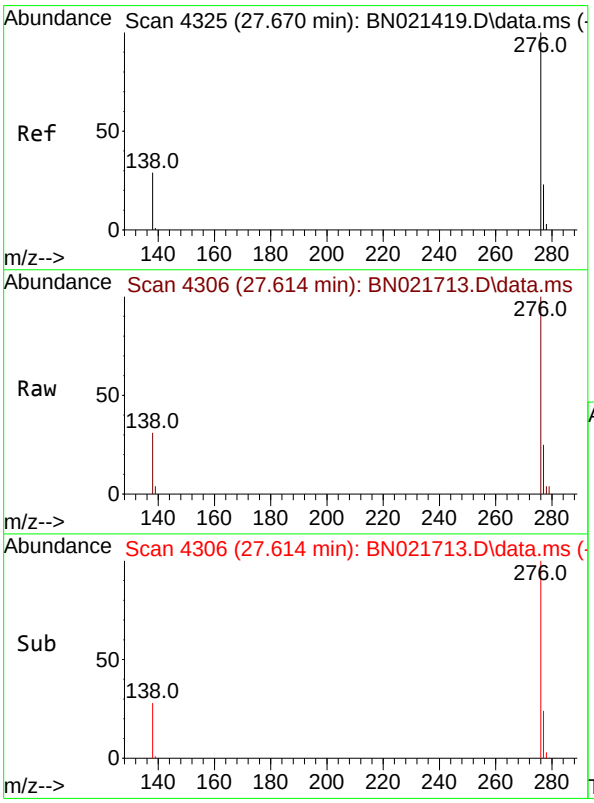
#40
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.822 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 14700

Ion	Ratio	Lower	Upper
278	100		
139	25.2	21.8	32.6
279	26.7	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.614 min Scan# 4306
Delta R.T. -0.018 min
Lab File: BN021713.D
Acq: 11 Sep 2022 00:27

Tgt Ion:276 Resp: 15353

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	30.9	23.7	35.5