Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021734.D
Acq On : 13 Sep 2022 20:37
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 14 01:34:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:24:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	5325	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	16292	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	10298	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	21973	0.400	ng		0.00
29) Chrysene-d12	21.647	240	18495	0.400	ng		0.00
35) Perylene-d12	24.160	264	14175	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	41027	3.936	ng		0.00
5) Phenol-d6	7.209	99	53746	4.047	ng		0.00
8) Nitrobenzene-d5	9.222	82	42377	3.851	ng		-0.01
11) 2-Methylnaphthalene-d10	12.471	152	125704	3.423	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	16072	4.753	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	128902	2.863	ng		0.00
27) Fluoranthene-d10	19.490	212	187607	3.321	ng		0.00
31) Terphenyl-d14	20.080	244	129649	3.119	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	20244	3.040	ng		96
3) n-Nitrosodimethylamine	3.736	42	21221	3.536	ng	#	94
6) bis(2-Chloroethyl)ether	7.469	93	51773	3.098	ng		100
9) Naphthalene	10.930	128	146467	3.035	ng		99
10) Hexachlorobutadiene	11.219	225	23998	2.873	ng	#	99
12) 2-Methylnaphthalene	12.172	142	36077	5.901	ng	#	91
16) Acenaphthylene	14.429	152	165270	3.417	ng		100
17) Acenaphthene	14.771	154	109958	3.232	ng		94
18) Fluorene	15.758	166	139064	3.313	ng		98
21) 4-Bromophenyl-phenylether	16.647	248	42227	3.071	ng		93
22) Hexachlorobenzene	16.763	284	46189	2.747	ng		100
23) Atrazine	16.913	200	36892	4.598	ng		97
24) Pentachlorophenol	17.109	266	21620	6.036	ng		98
25) Phenanthrene	17.502	178	228473	3.012	ng		100
26) Anthracene	17.594	178	204923	3.402	ng		100
28) Fluoranthene	19.519	202	251987	3.198	ng		100
30) Pyrene	19.882	202	274959	2.789	ng		99
32) Benzo(a)anthracene	21.629	228	222083	3.448	ng		99
33) Chrysene	21.683	228	225191	2.935	ng		100
34) Bis(2-ethylhexyl)phtha...	21.540	149	146730	5.654	ng		99
36) Indeno(1,2,3-cd)pyrene	26.803	276	216344	3.381	ng		99
37) Benzo(b)fluoranthene	23.382	252	203287	2.909	ng		95
38) Benzo(k)fluoranthene	23.435	252	202386	2.878	ng		95
39) Benzo(a)pyrene	24.043	252	164240	3.369	ng	#	90
40) Dibenzo(a,h)anthracene	26.823	278	171488	3.329	ng		96
41) Benzo(g,h,i)perylene	27.615	276	172702	3.056	ng		98

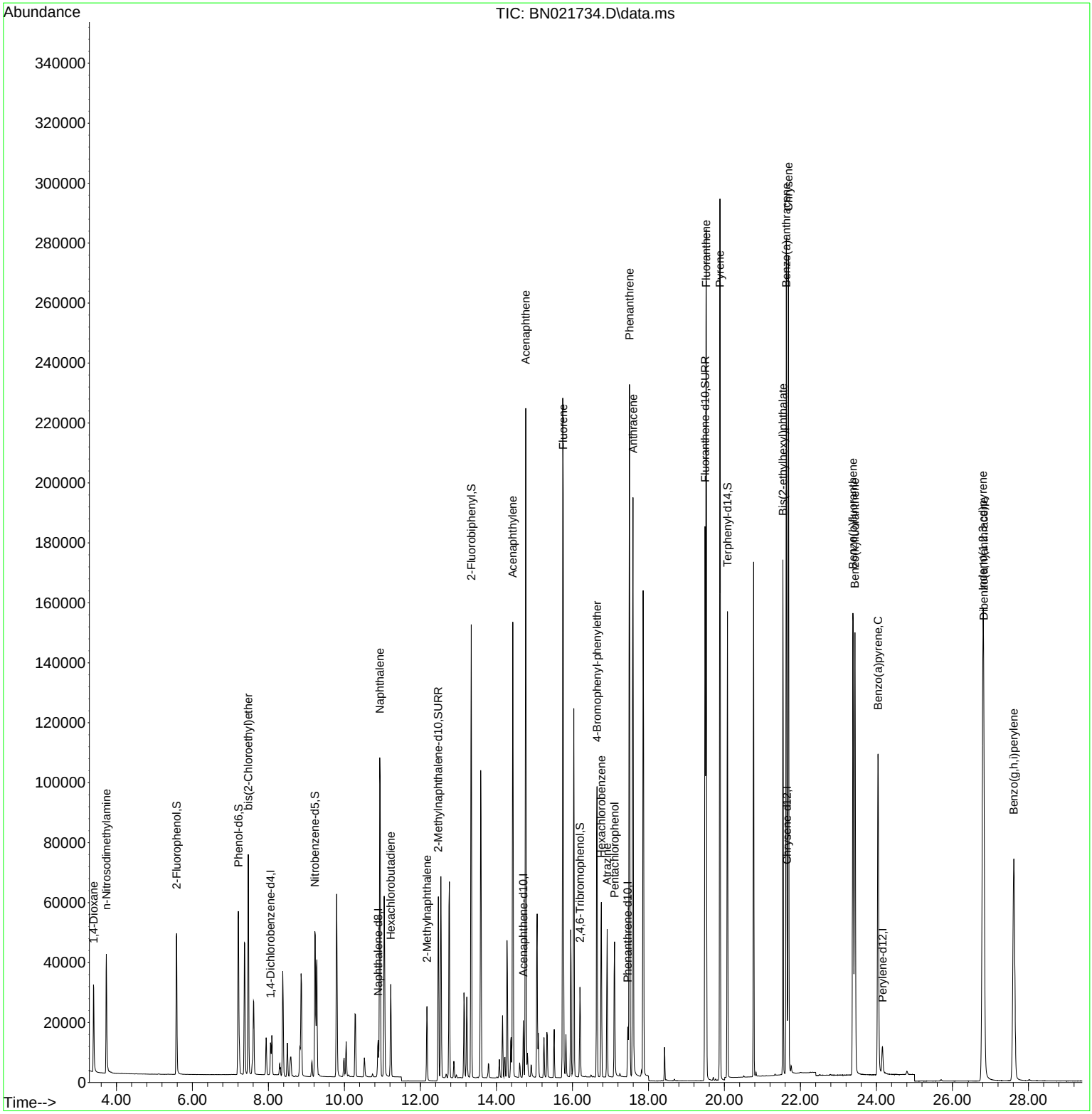
(#) = qualifier out of range (m) = manual integration (+) = signals summed

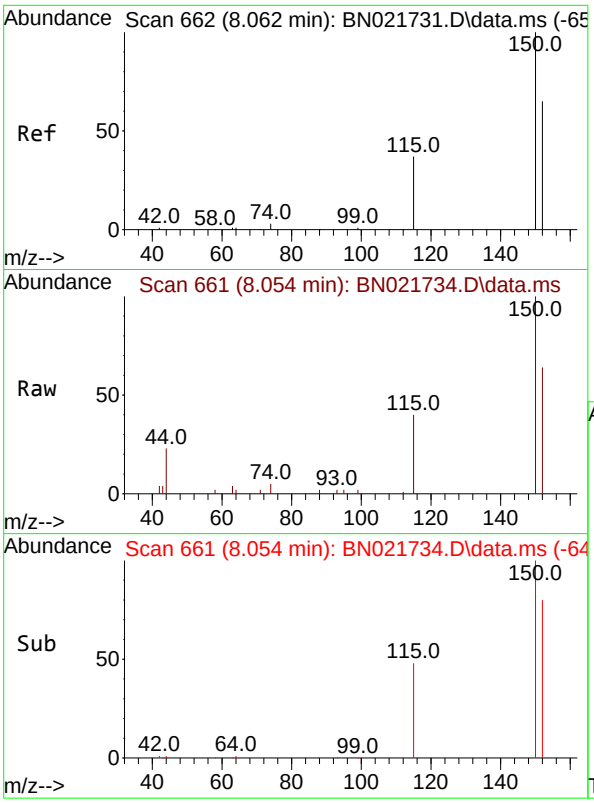
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021734.D
Acq On : 13 Sep 2022 20:37
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 14 01:34:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:24:46 2022
Response via : Initial Calibration



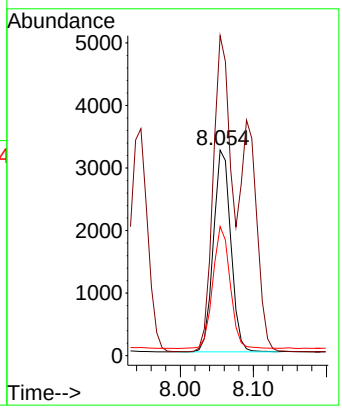


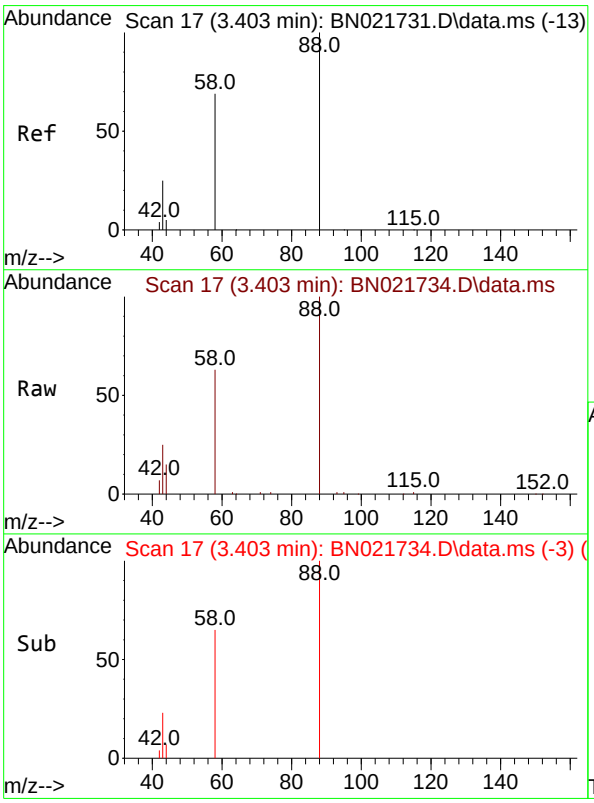
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5325

Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.8	182.8
115	62.8	48.3	72.5

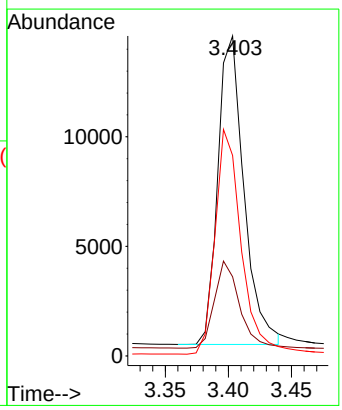


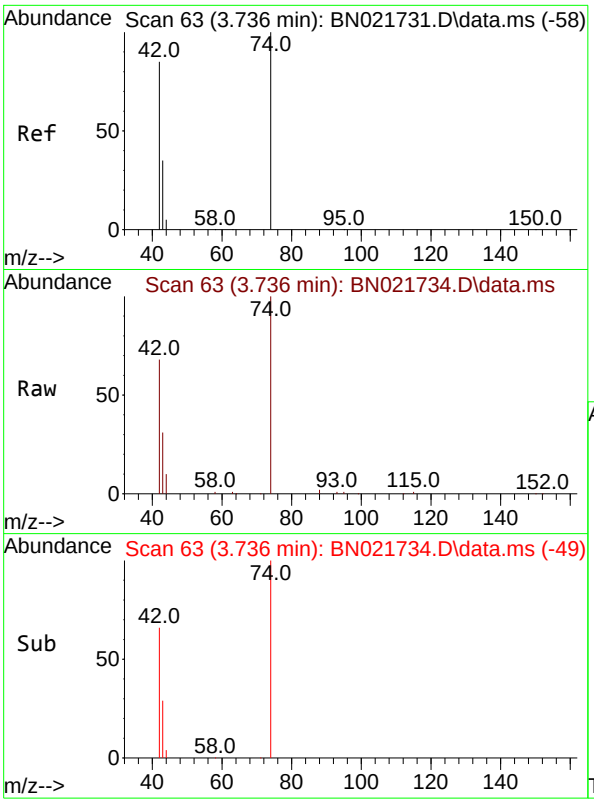


#2
1,4-Dioxane
Concen: 3.040 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 88 Resp: 20244

Ion	Ratio	Lower	Upper
88	100		
43	27.0	24.2	36.2
58	72.3	60.2	90.4



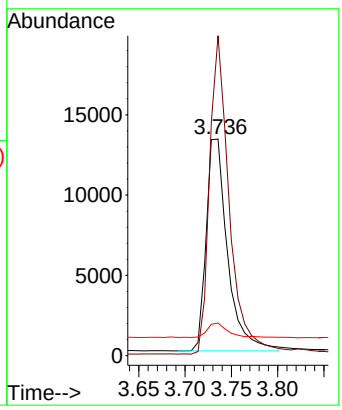


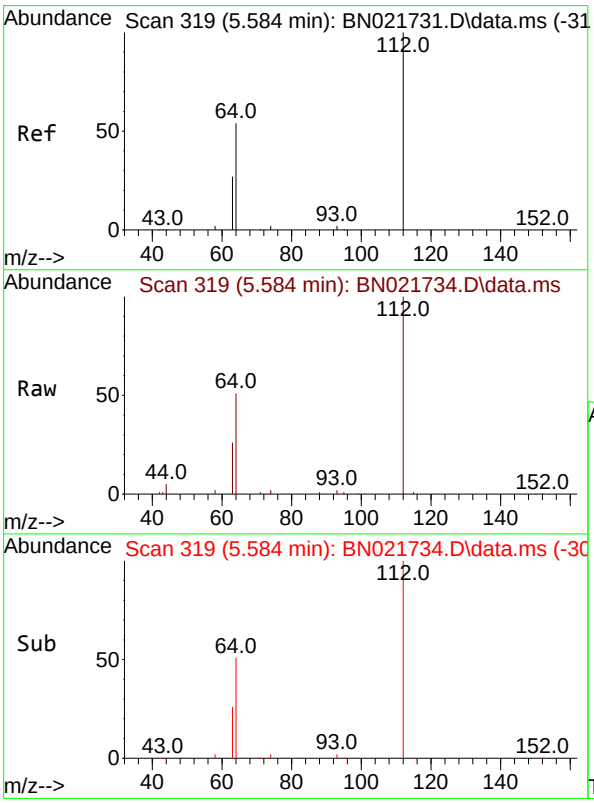
#3
n-Nitrosodimethylamine
Concen: 3.536 ng
RT: 3.736 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 21221

Ion	Ratio	Lower	Upper
42	100		
74	138.4	116.3	174.5
44	6.5	9.0	13.4#

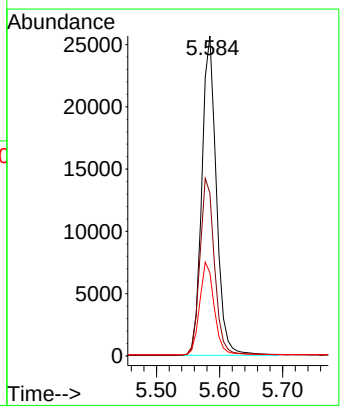


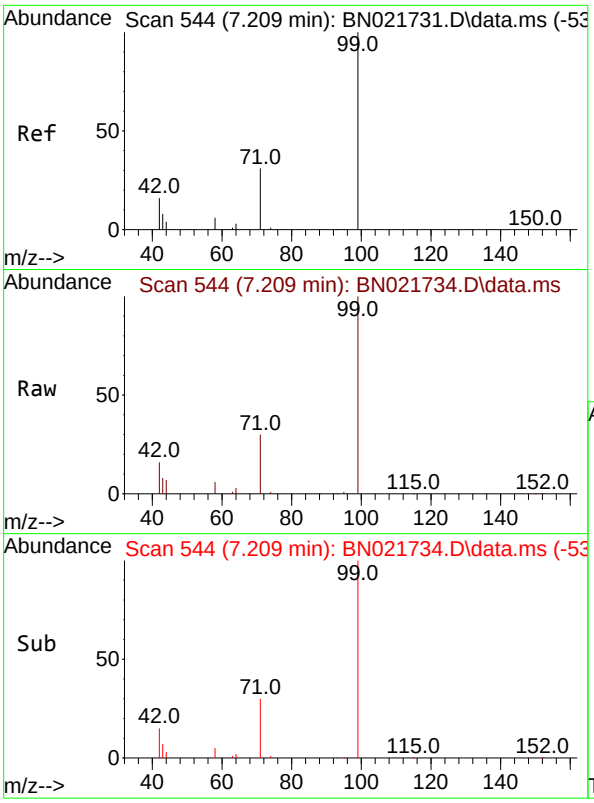


#4
2-Fluorophenol
Concen: 3.936 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:112 Resp: 41027

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.1	23.3	34.9



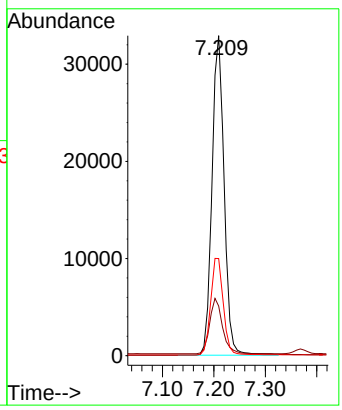


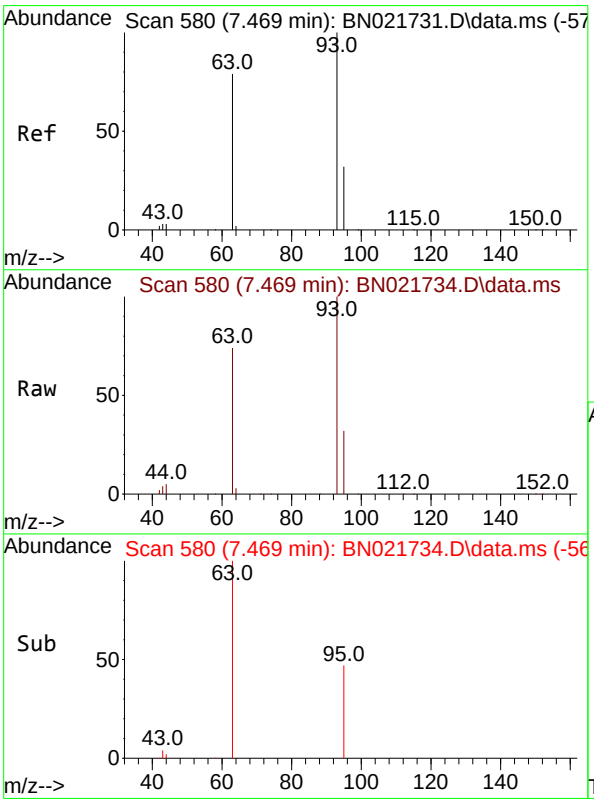
#5
Phenol-d6
Concen: 4.047 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 53746

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.1	22.7
71	31.6	25.3	37.9

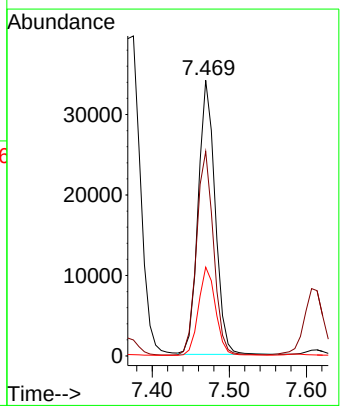


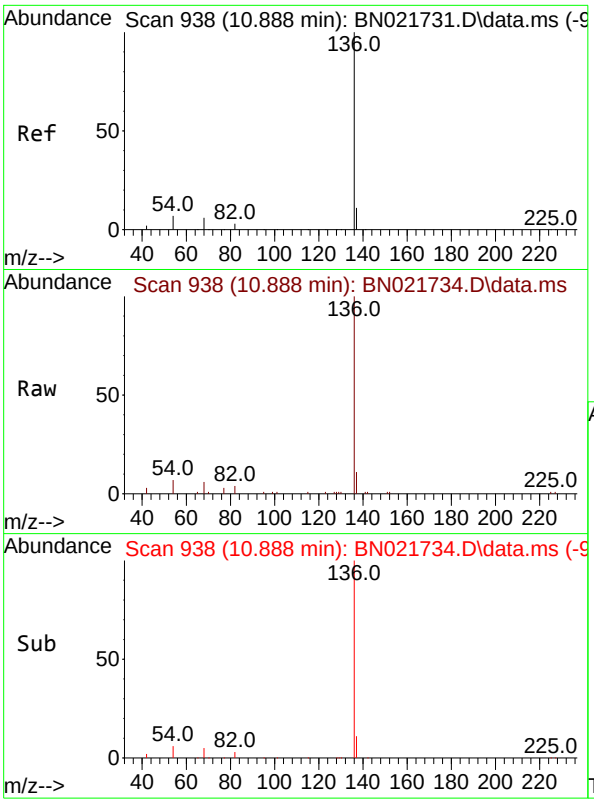


#6
bis(2-Chloroethyl)ether
Concen: 3.098 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 93 Resp: 51773

Ion	Ratio	Lower	Upper
93	100		
63	74.9	60.0	90.0
95	32.4	26.2	39.4



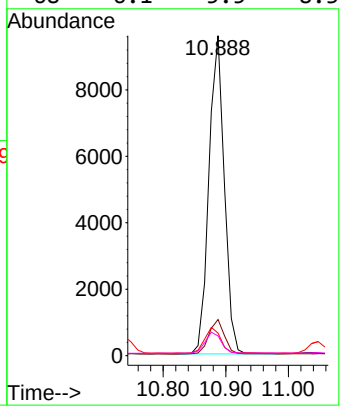


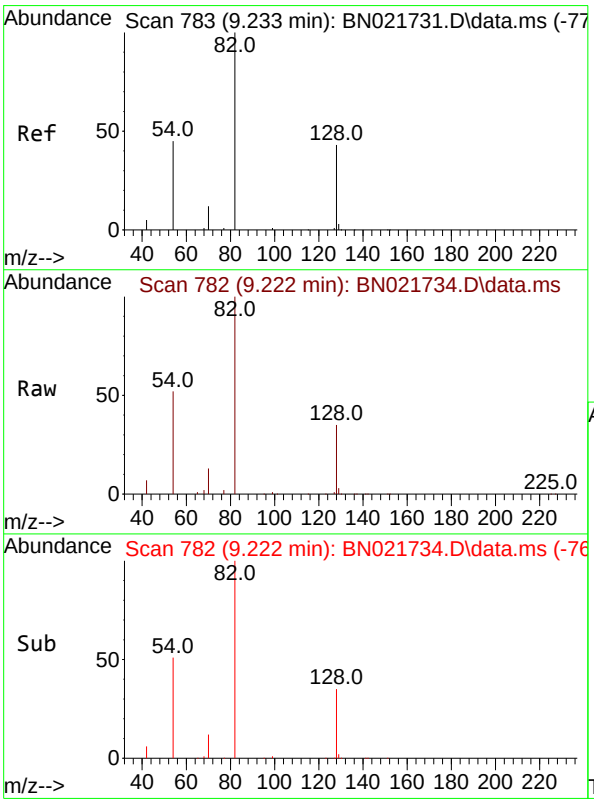
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 16292

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	6.4	9.6
68	6.1	5.5	8.3

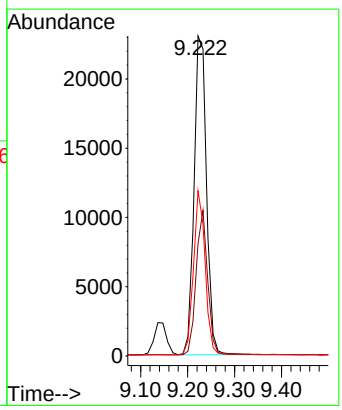


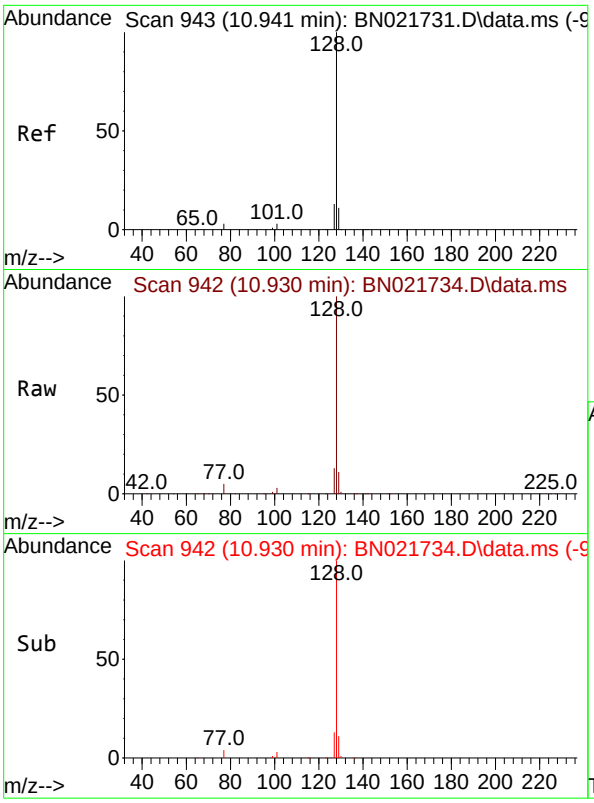


#8
Nitrobenzene-d5
Concen: 3.851 ng
RT: 9.222 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion: 82 Resp: 42377

Ion	Ratio	Lower	Upper
82	100		
128	35.2	35.6	53.4#
54	51.6	37.8	56.8



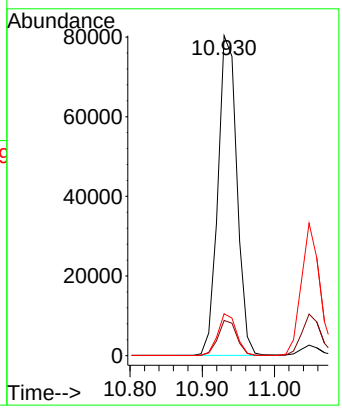


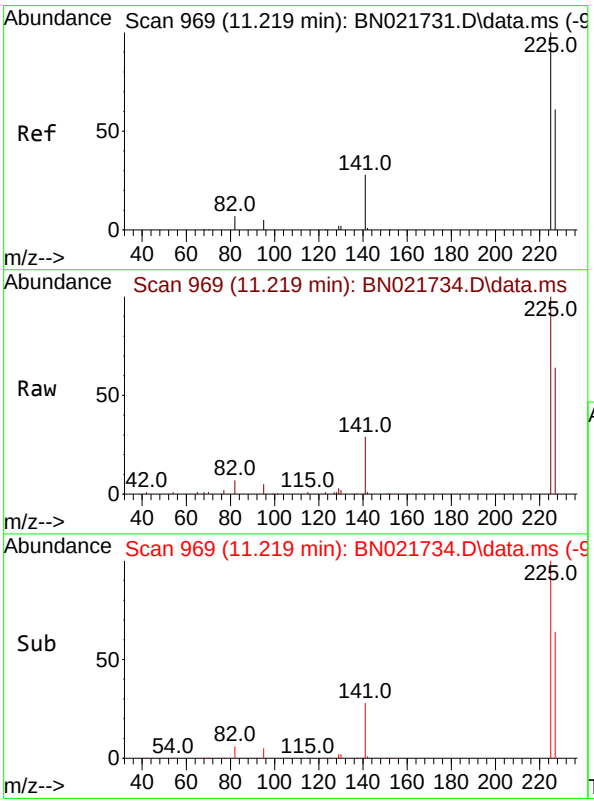
#9
Naphthalene
Concen: 3.035 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 146467

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.1	10.5	15.7

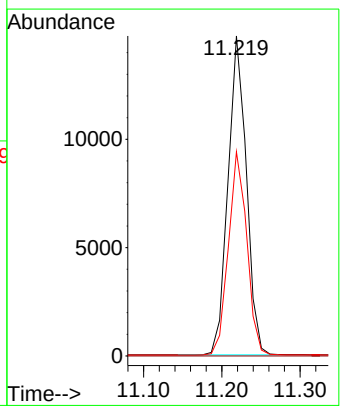


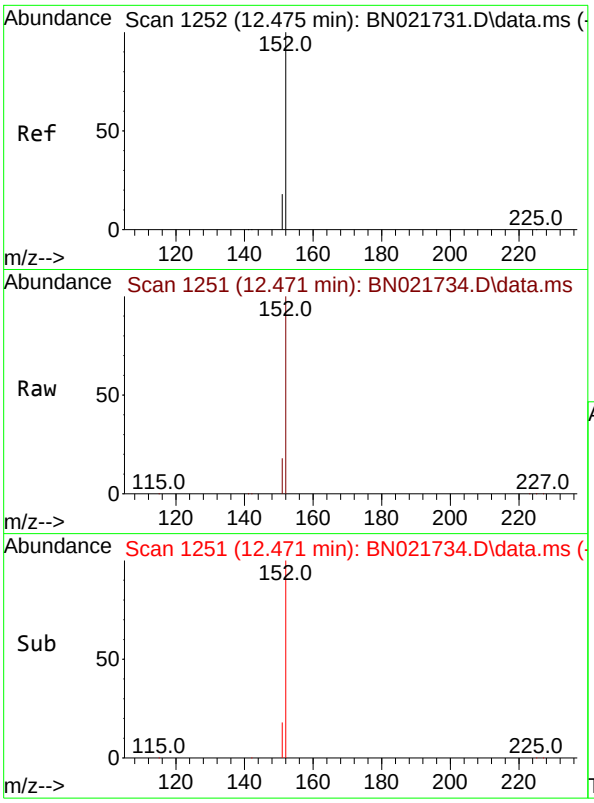


#10
Hexachlorobutadiene
Concen: 2.873 ng
RT: 11.219 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:225 Resp: 23998

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.4	75.6



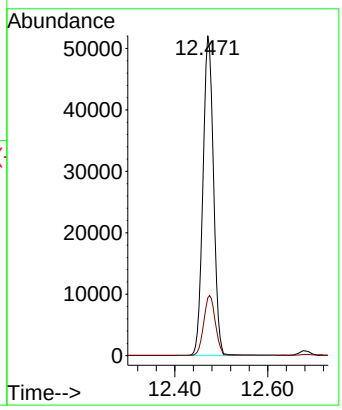


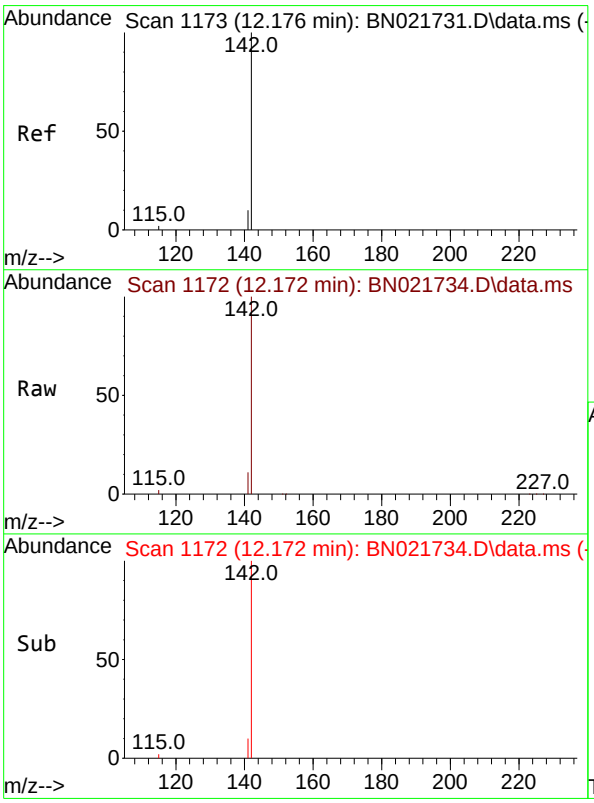
#11
2-Methylnaphthalene-d10
Concen: 3.423 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 125704

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.6	23.4

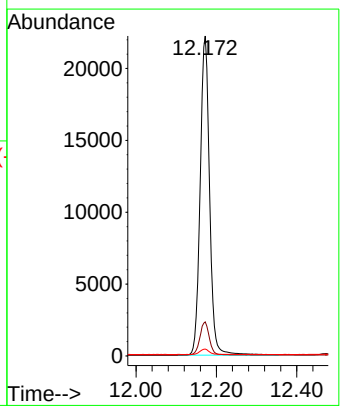


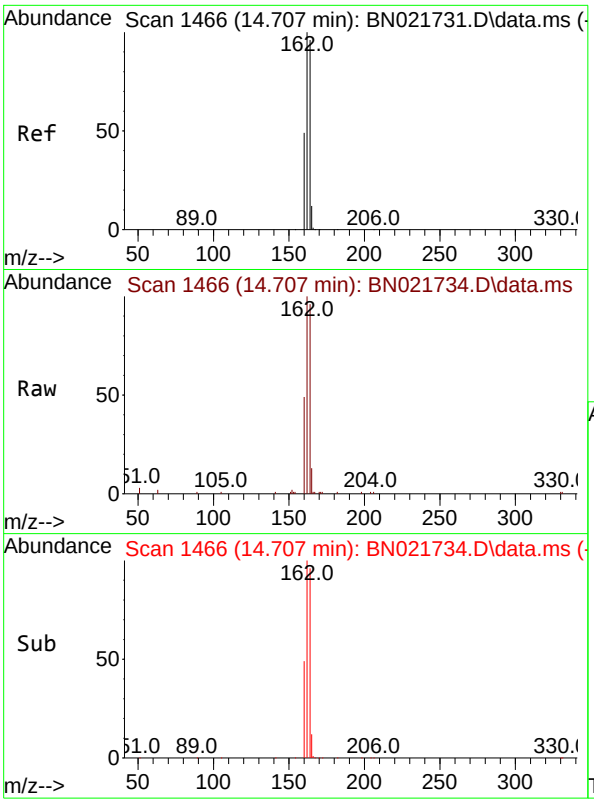


#12
2-Methylnaphthalene
Concen: 5.901 ng
RT: 12.172 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:142 Resp: 36077

Ion	Ratio	Lower	Upper
142	100		
141	10.7	10.6	16.0
115	2.1	5.6	8.4#



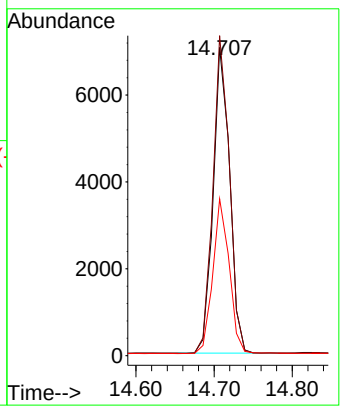


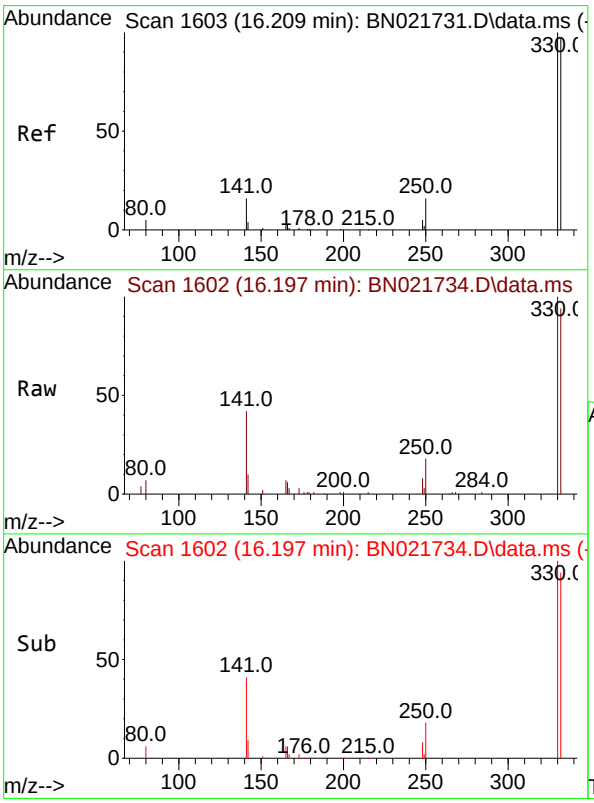
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 10298

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	50.9	40.9	61.3

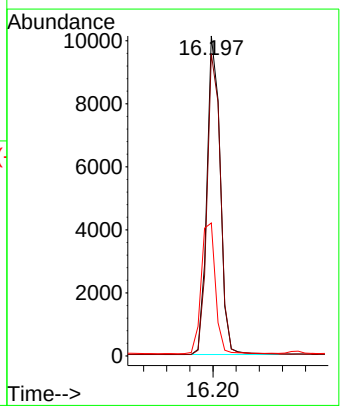


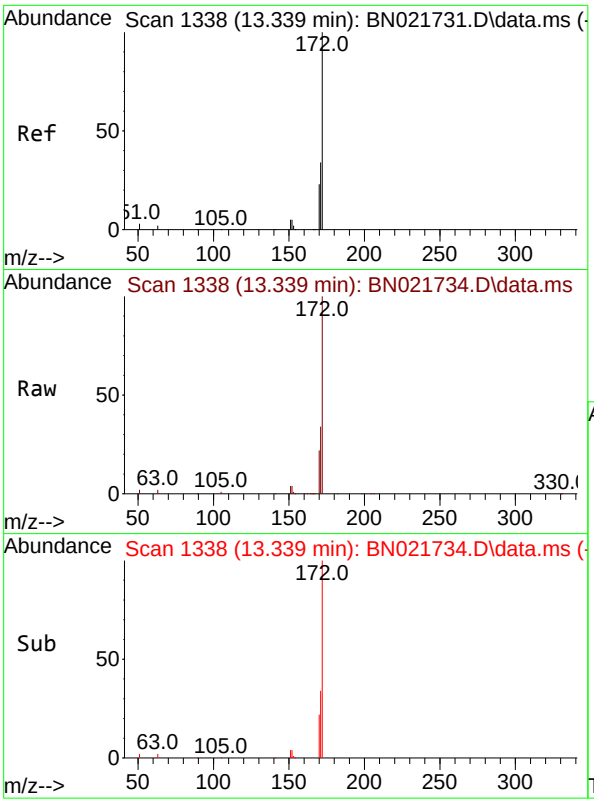


#14
2,4,6-Tribromophenol
Concen: 4.753 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:330 Resp: 16072

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	44.2	37.2	55.8



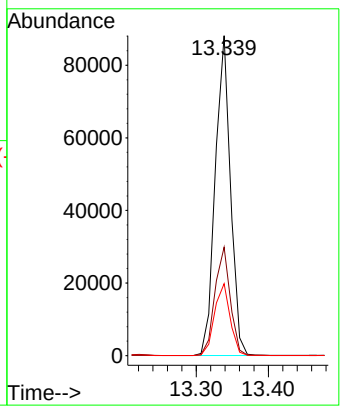


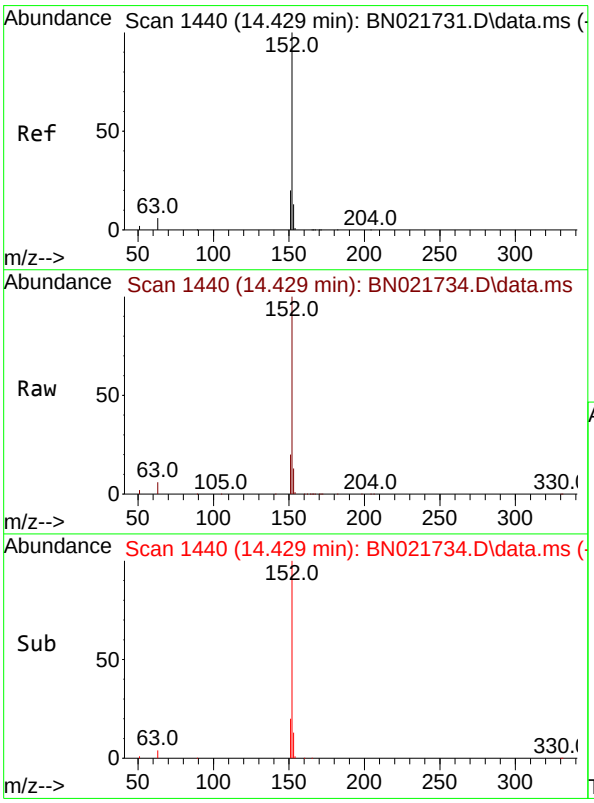
#15
2-Fluorobiphenyl
Concen: 2.863 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 128902

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.7	41.5
170	22.5	18.8	28.2

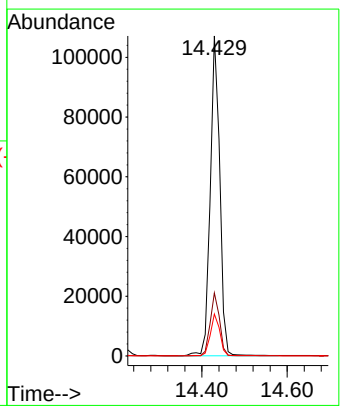


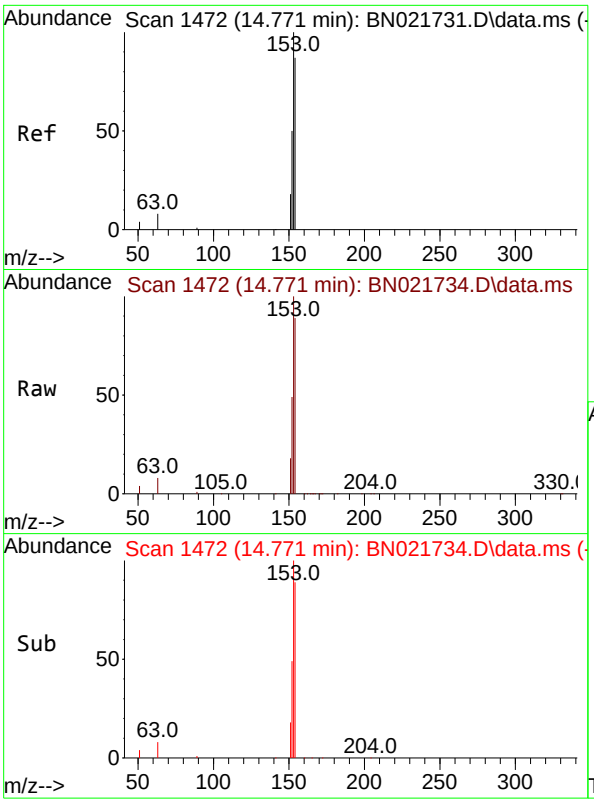


#16
Acenaphthylene
Concen: 3.417 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:152 Resp: 165270

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0
153	13.0	10.3	15.5



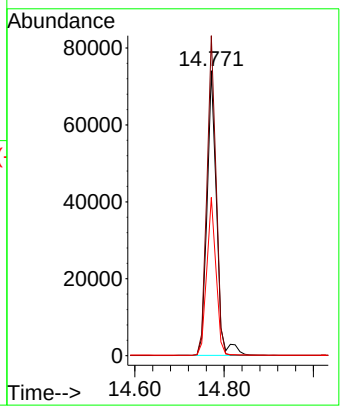


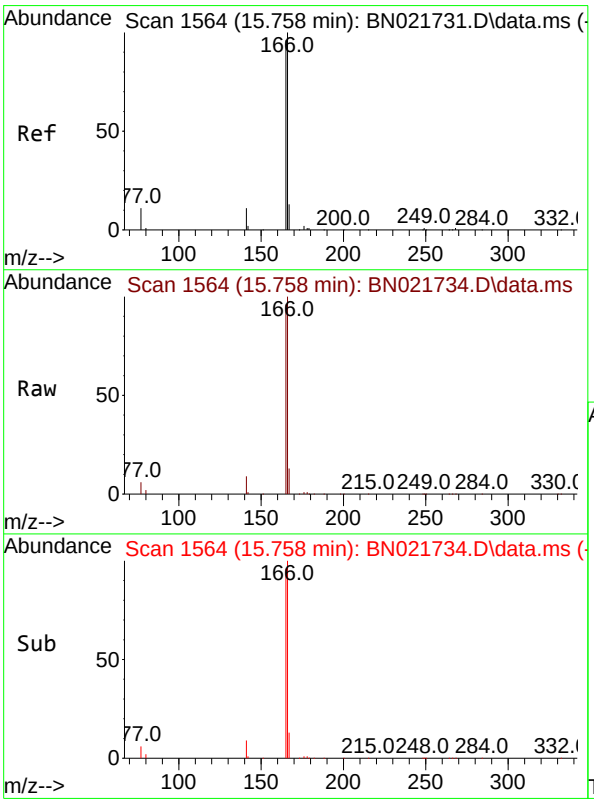
#17
Acenaphthene
Concen: 3.232 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 109958

Ion	Ratio	Lower	Upper
154	100		
153	107.4	91.0	136.4
152	53.6	46.0	69.0

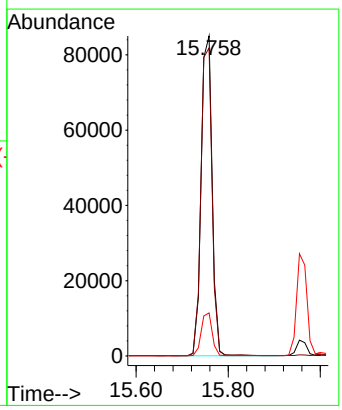


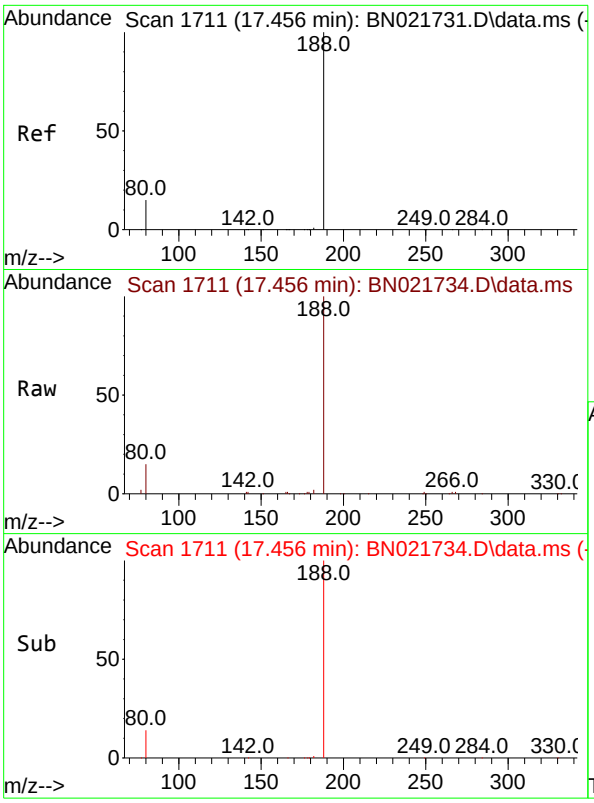


#18
Fluorene
Concen: 3.313 ng
RT: 15.758 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:166 Resp: 139064

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.4	119.0
167	13.3	10.6	15.8



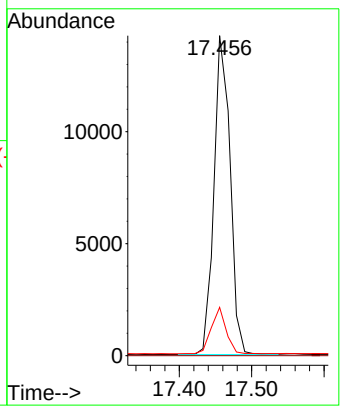


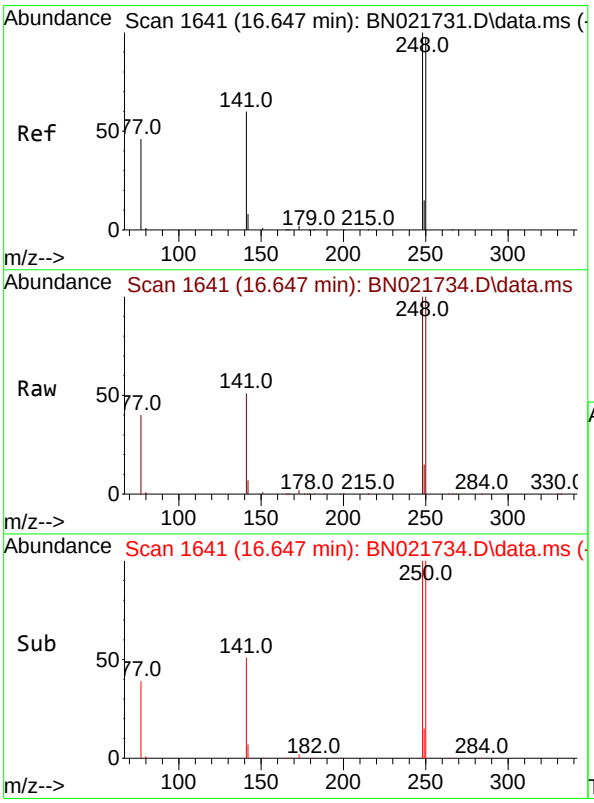
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 21973

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	12.6	19.0

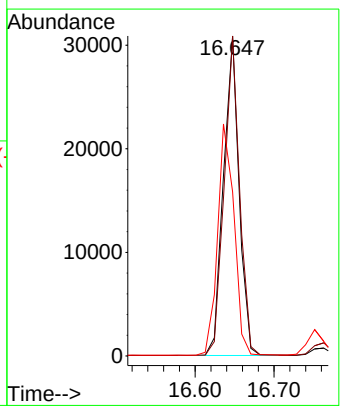


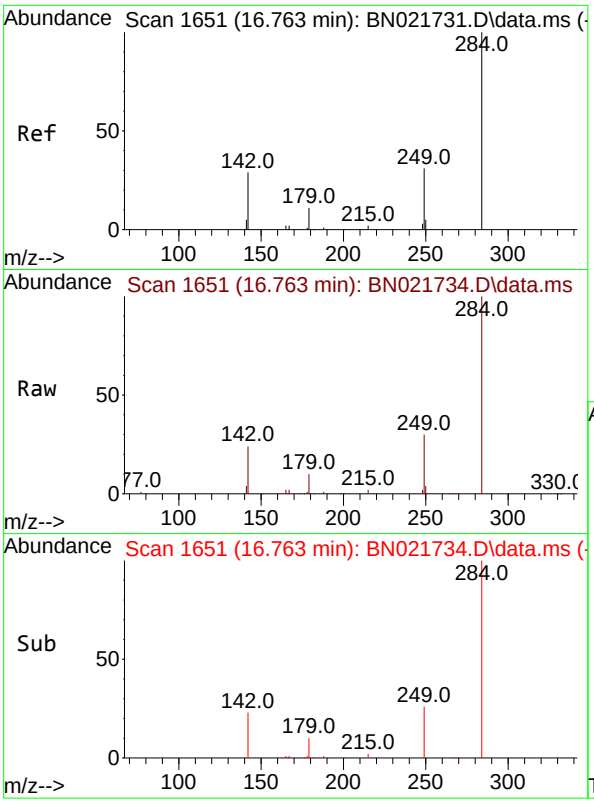


#21
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:248 Resp: 42227

Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.8	116.8
141	51.4	49.0	73.4



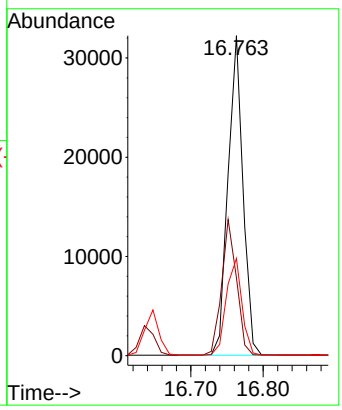


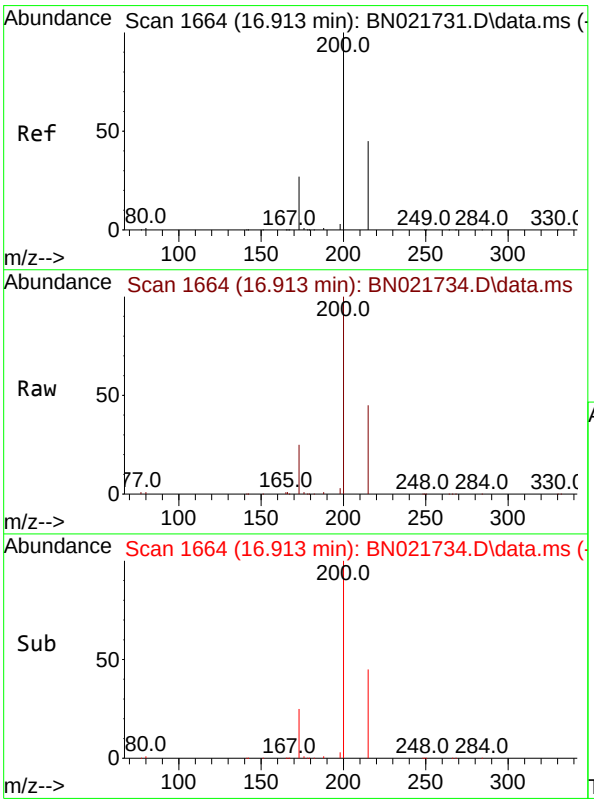
#22
Hexachlorobenzene
Concen: 2.747 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 46189

Ion	Ratio	Lower	Upper
284	100		
142	42.0	33.4	50.2
249	31.7	25.1	37.7

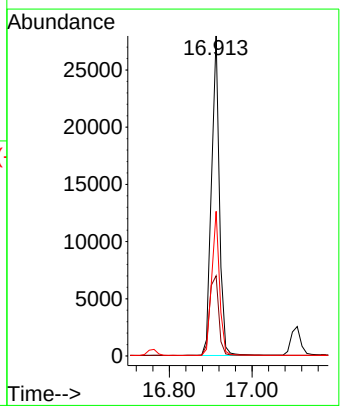


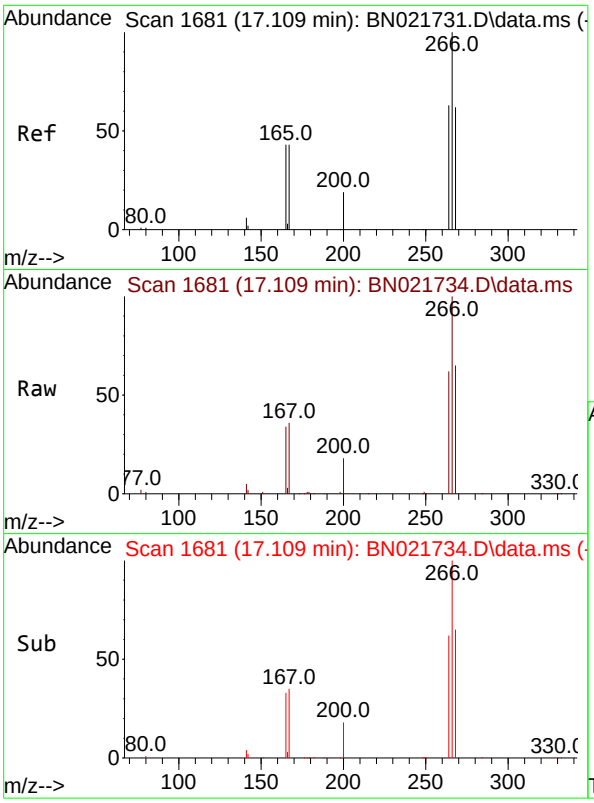


#23
Atrazine
Concen: 4.598 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:200 Resp: 36892

Ion	Ratio	Lower	Upper
200	100		
173	25.0	22.9	34.3
215	45.2	36.9	55.3



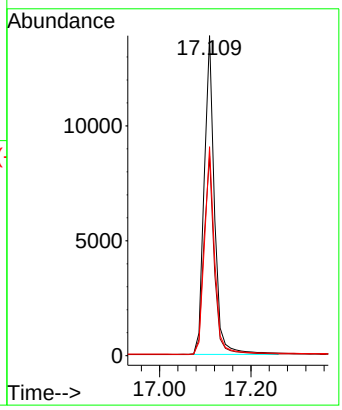


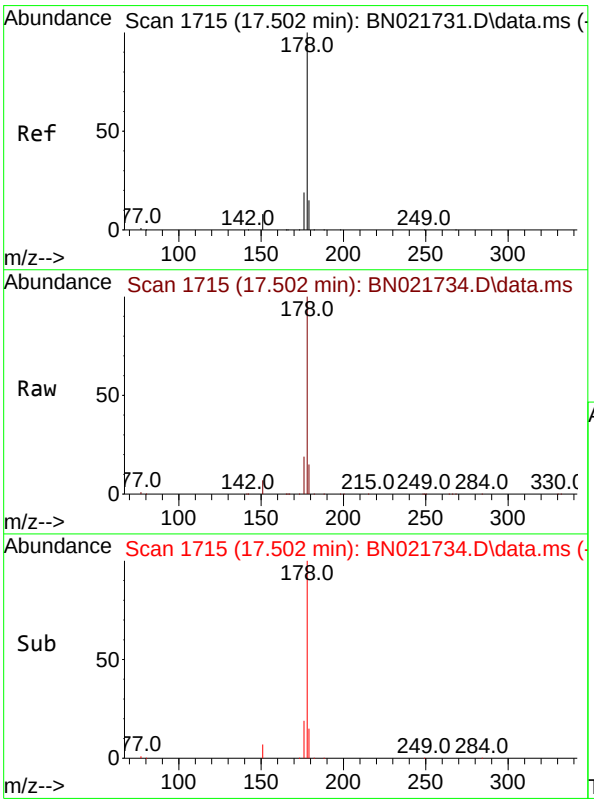
#24
Pentachlorophenol
Concen: 6.036 ng
RT: 17.109 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:266 Resp: 21620

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.0	75.0
268	64.6	50.2	75.2

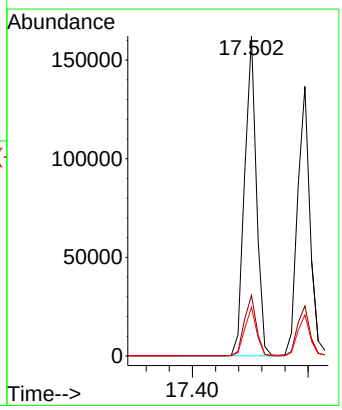


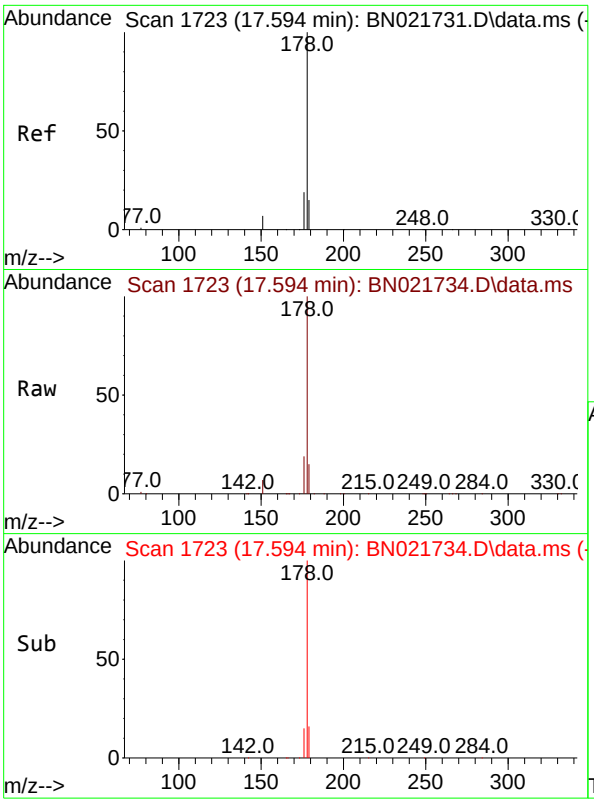


#25
Phenanthrene
Concen: 3.012 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:178 Resp: 228473

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.4



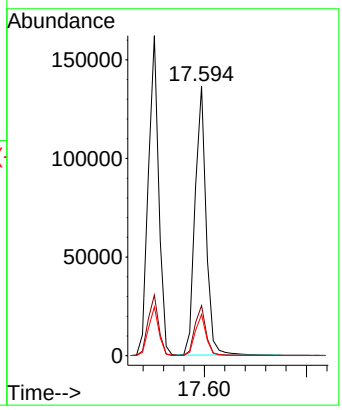


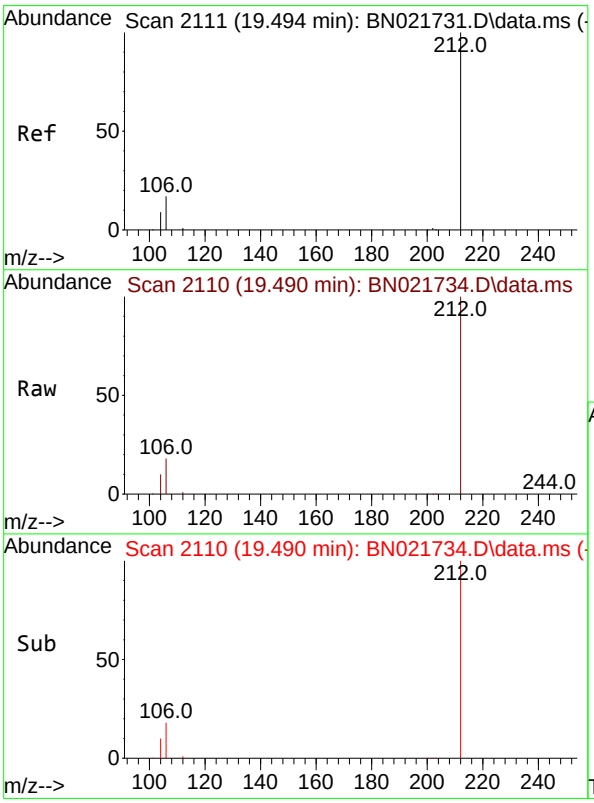
#26
Anthracene
Concen: 3.402 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 204923

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.2	12.2	18.2

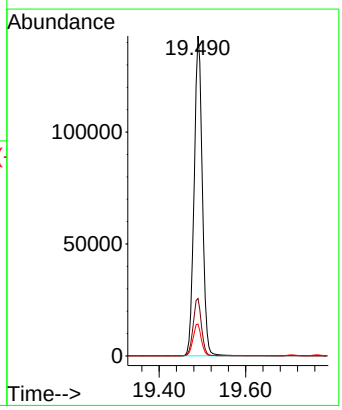


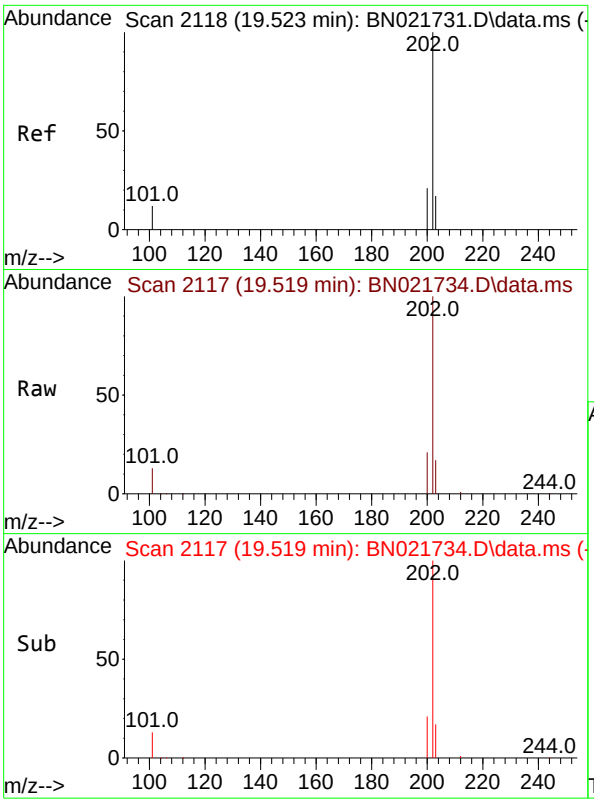


#27
Fluoranthene-d10
Concen: 3.321 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:212 Resp: 187607

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.3	21.5
104	10.0	8.0	12.0



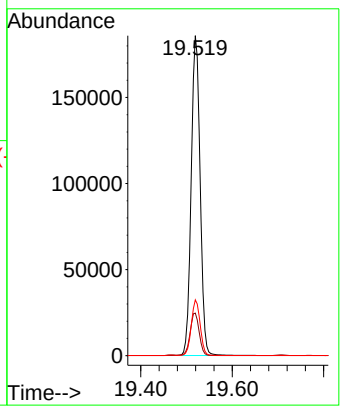


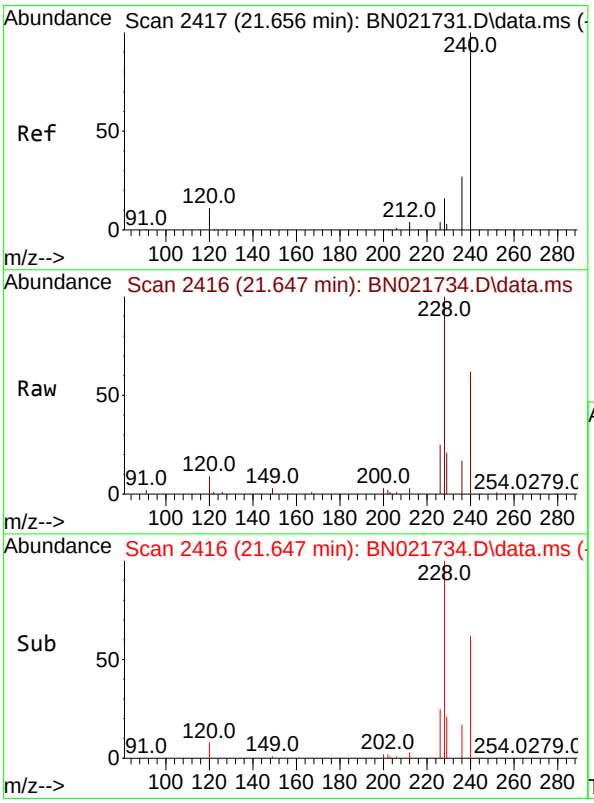
#28
Fluoranthene
Concen: 3.198 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 251987

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.4
203	17.3	13.7	20.5

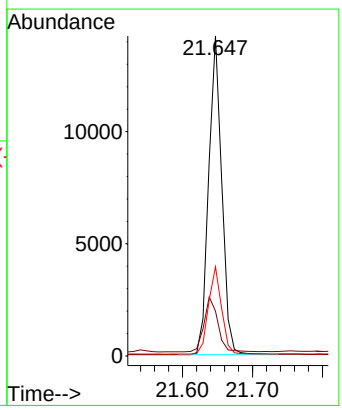


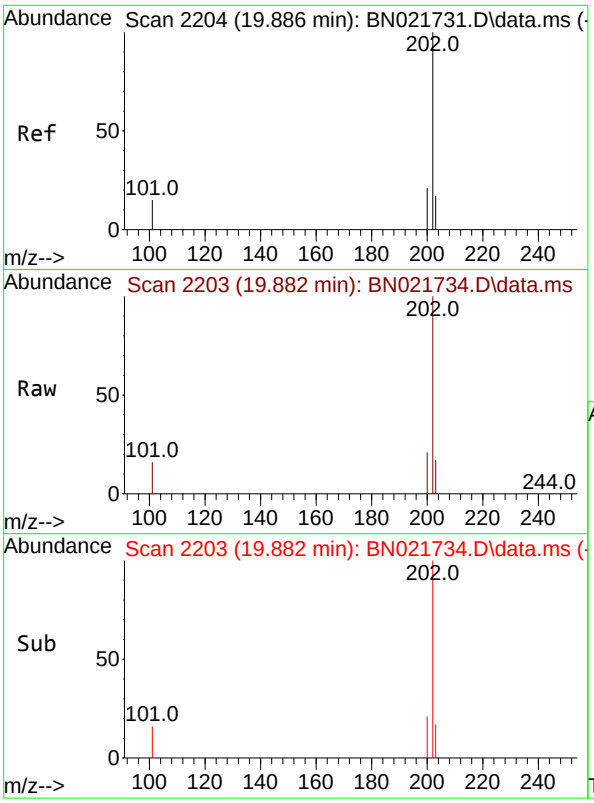


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:240 Resp: 18495

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.8	14.8
236	27.8	22.2	33.4



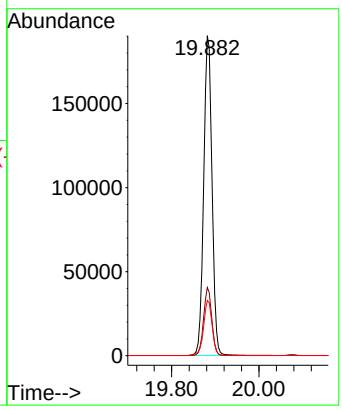


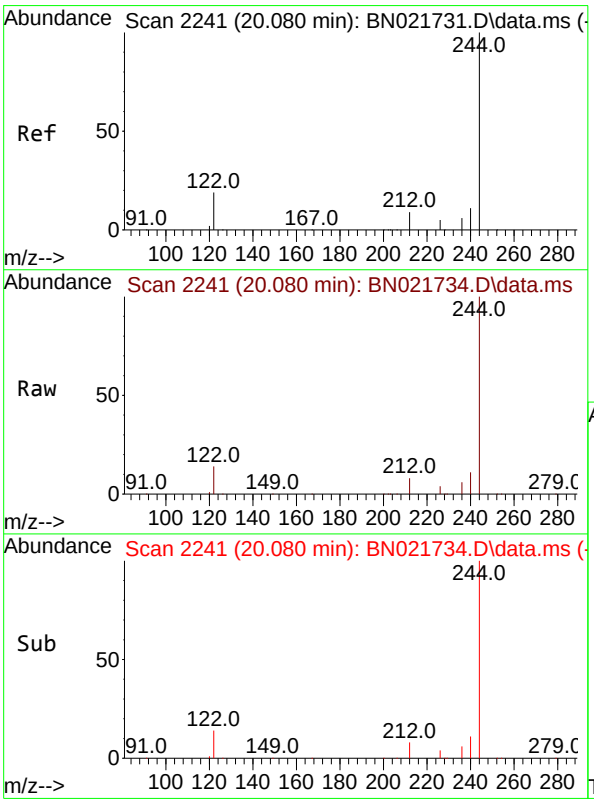
#30
Pyrene
Concen: 2.789 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 274959

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.0	22.4
203	16.3	12.8	19.2

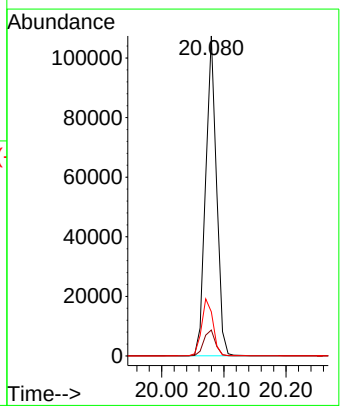


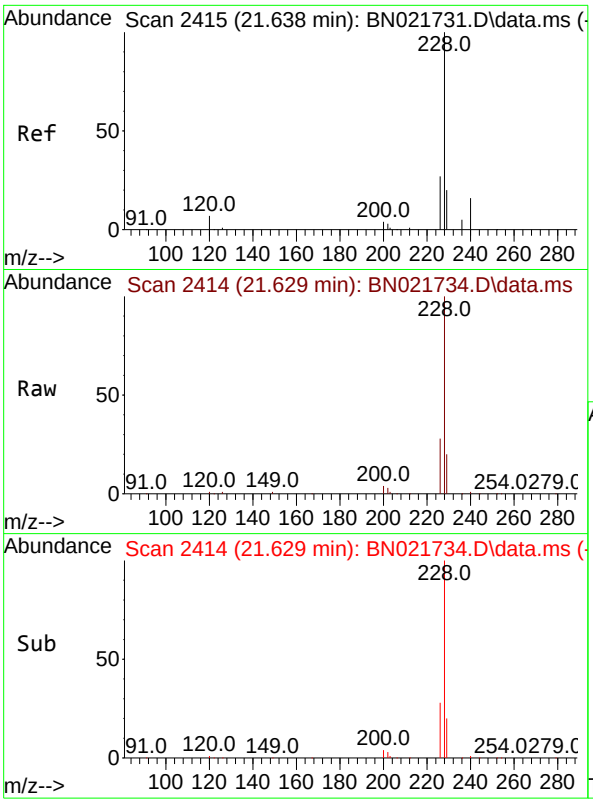


#31
Terphenyl-d14
Concen: 3.119 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:244 Resp: 129649

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.9	11.9
122	13.8	15.8	23.8#



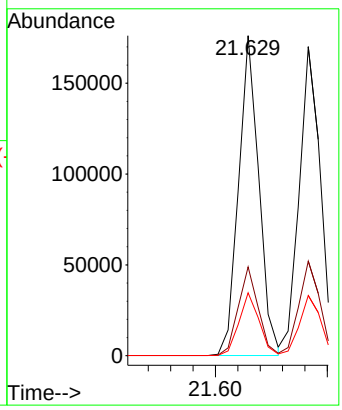


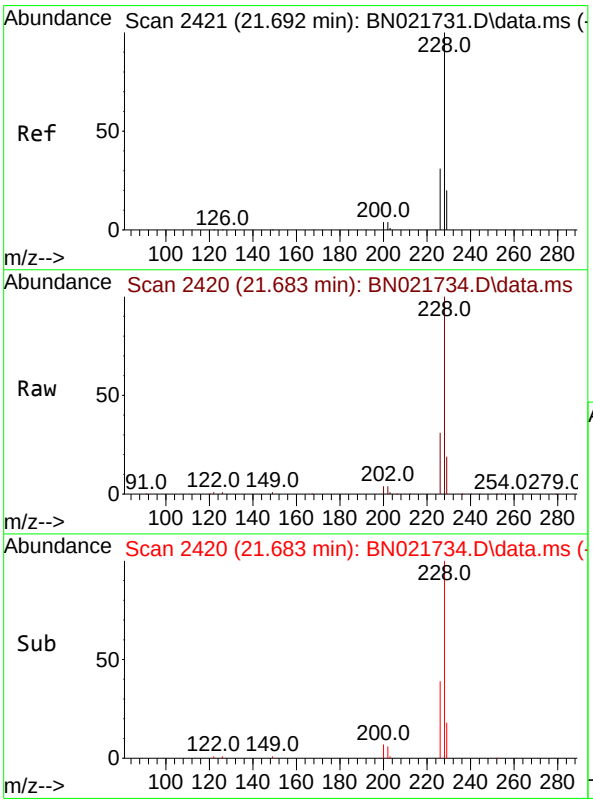
#32
Benzo(a)anthracene
Concen: 3.448 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 222083

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.5	32.3
229	19.6	15.8	23.8

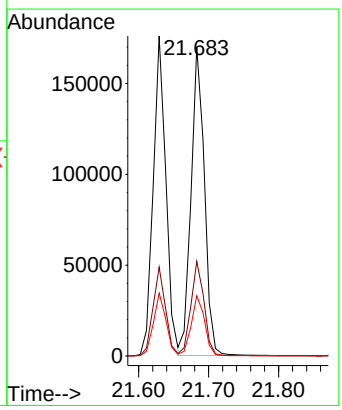


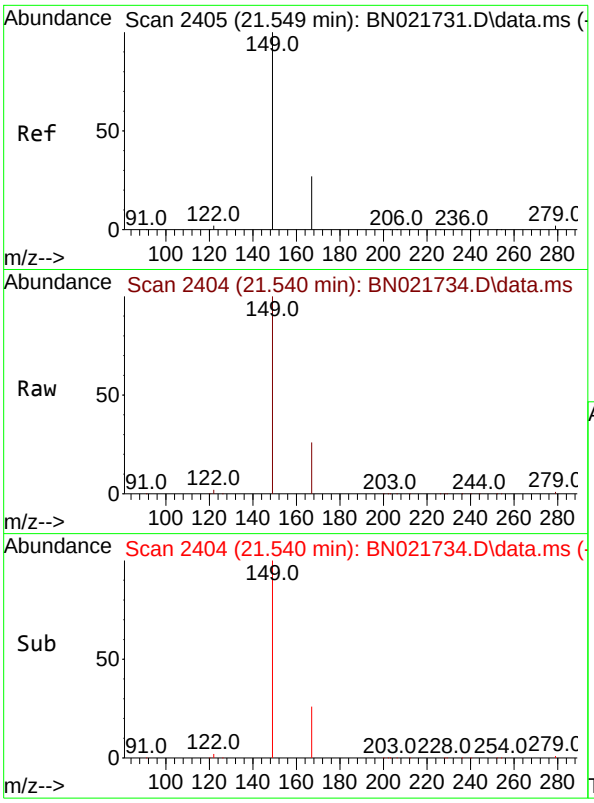


#33
Chrysene
Concen: 2.935 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:228 Resp: 225191

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.5	16.0	24.0



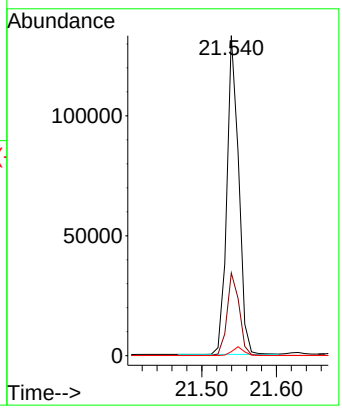


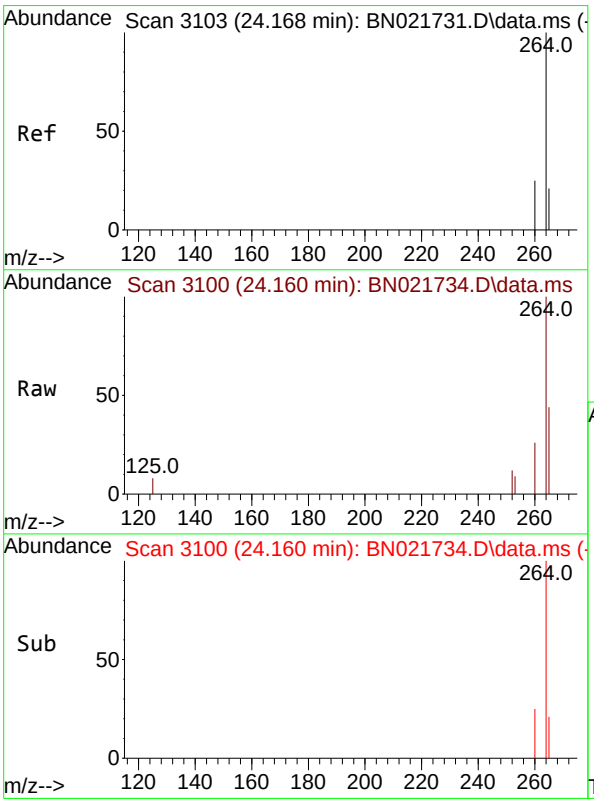
#34
Bis(2-ethylhexyl)phthalate
Concen: 5.654 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 146730

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.8	31.2
279	2.6	2.1	3.1

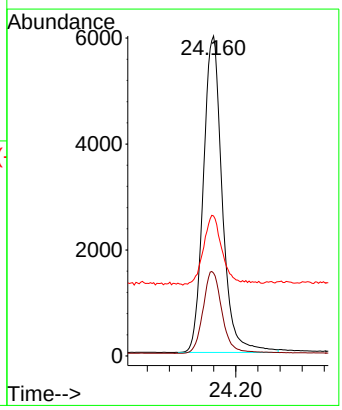


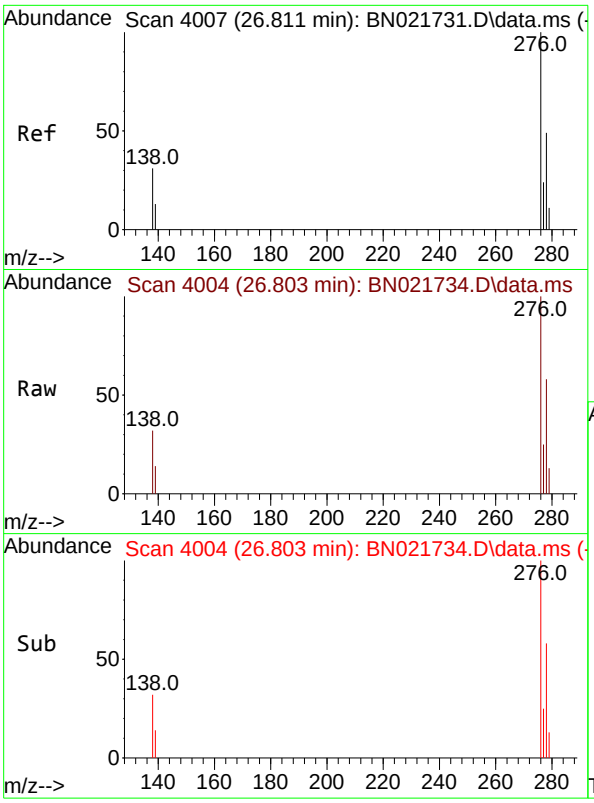


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.160 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:264 Resp: 14175

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	31.0
265	43.7	34.4	51.6



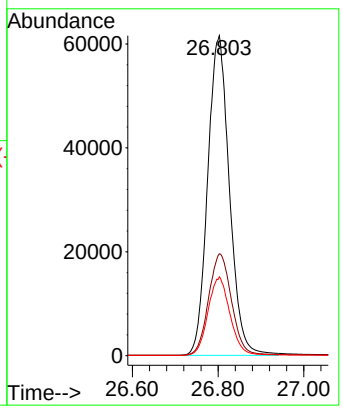


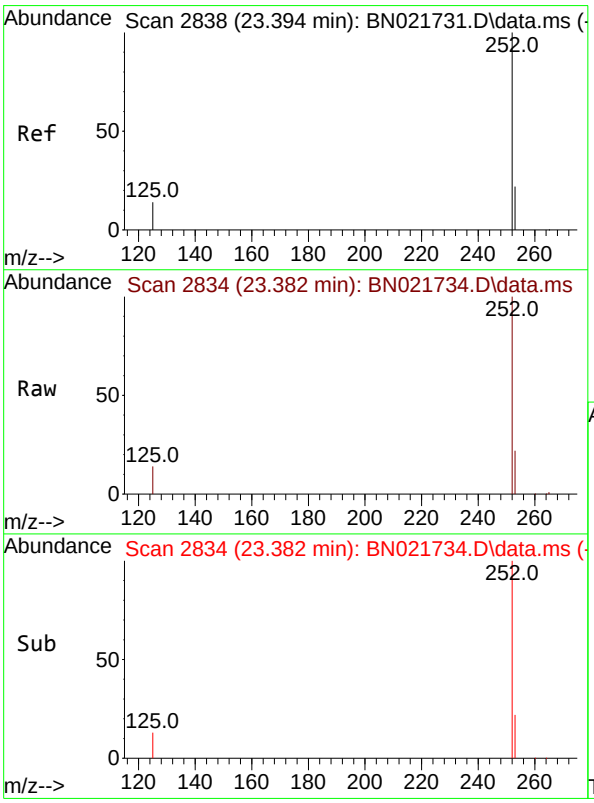
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.381 ng
RT: 26.803 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 216344

Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.4	41.0
277	24.8	19.8	29.6

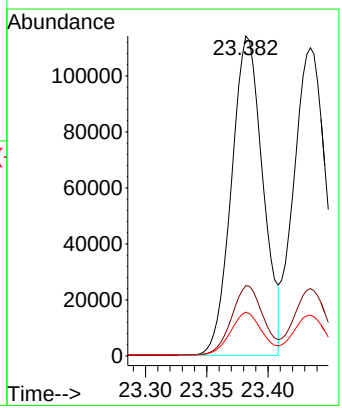


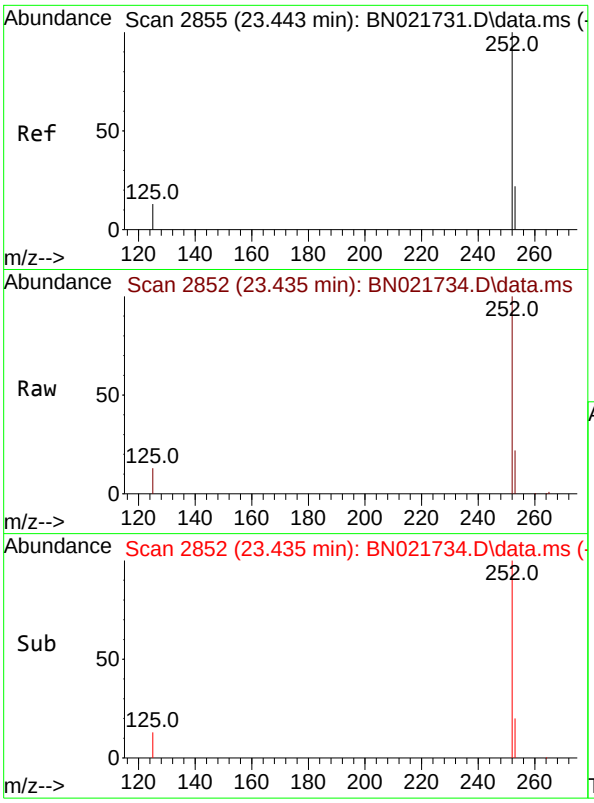


#37
Benzo(b)fluoranthene
Concen: 2.909 ng
RT: 23.382 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:252 Resp: 203287

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.6	29.4
125	13.7	13.0	19.4



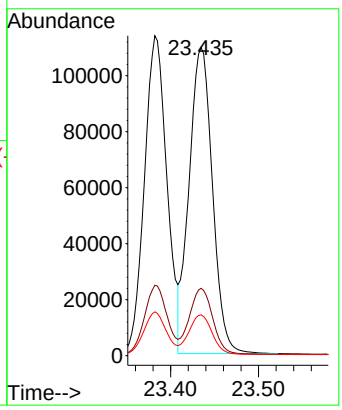


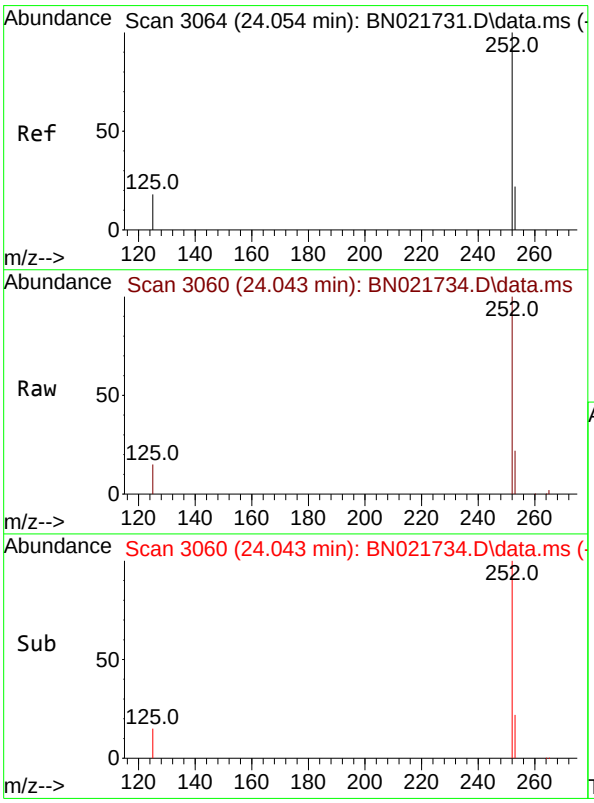
#38
Benzo(k)fluoranthene
Concen: 2.878 ng
RT: 23.435 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 202386

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.4	29.2
125	13.3	12.6	18.8

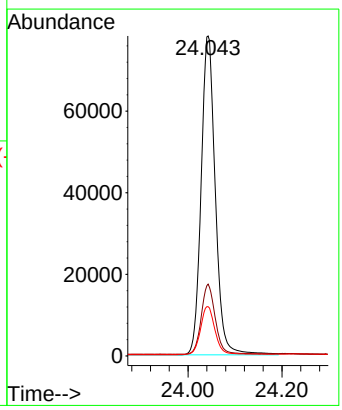


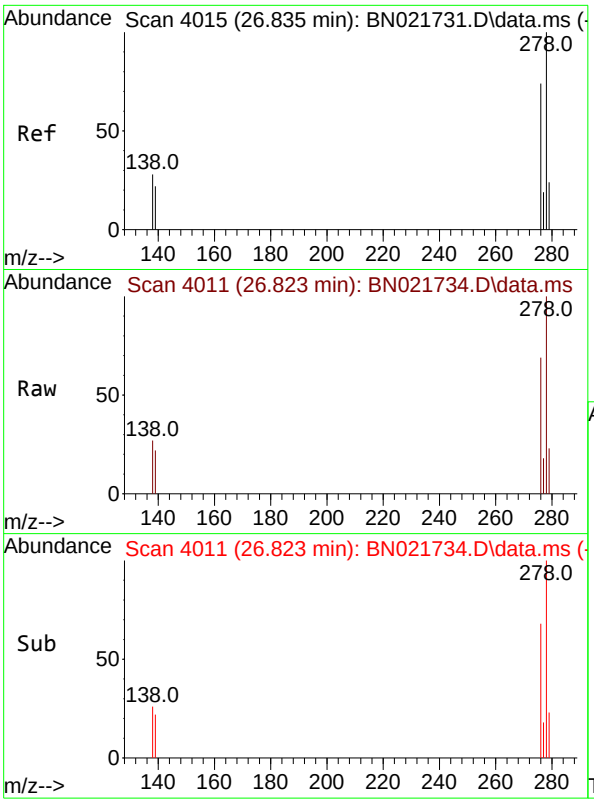


#39
Benzo(a)pyrene
Concen: 3.369 ng
RT: 24.043 min Scan# 3060
Delta R.T. -0.012 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:252 Resp: 164240

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.8	31.2
125	15.4	17.4	26.0#



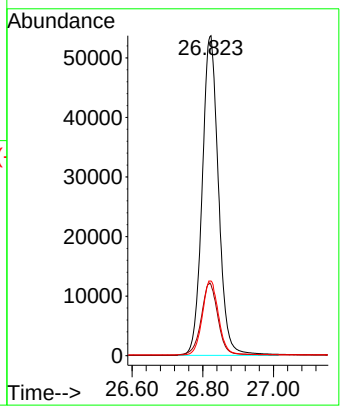


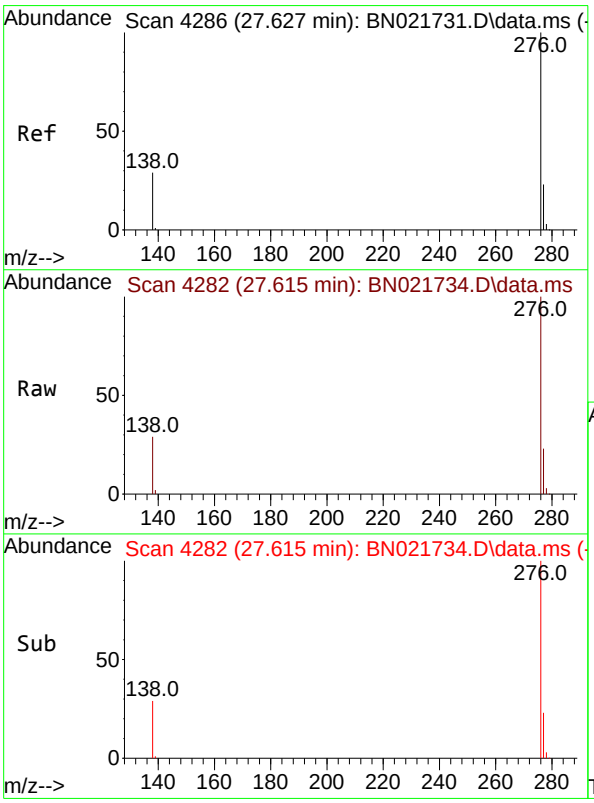
#40
Dibenzo(a,h)anthracene
Concen: 3.329 ng
RT: 26.823 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 171488

Ion	Ratio	Lower	Upper
278	100		
139	22.1	19.2	28.8
279	23.4	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 3.056 ng
RT: 27.615 min Scan# 4282
Delta R.T. -0.012 min
Lab File: BN021734.D
Acq: 13 Sep 2022 20:37

Tgt Ion:276 Resp: 172702

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	28.8	24.2	36.2