Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017346.D
Acq On : 09 Nov 2021 12:52
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 09 13:21:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
Response via : Initial Calibration

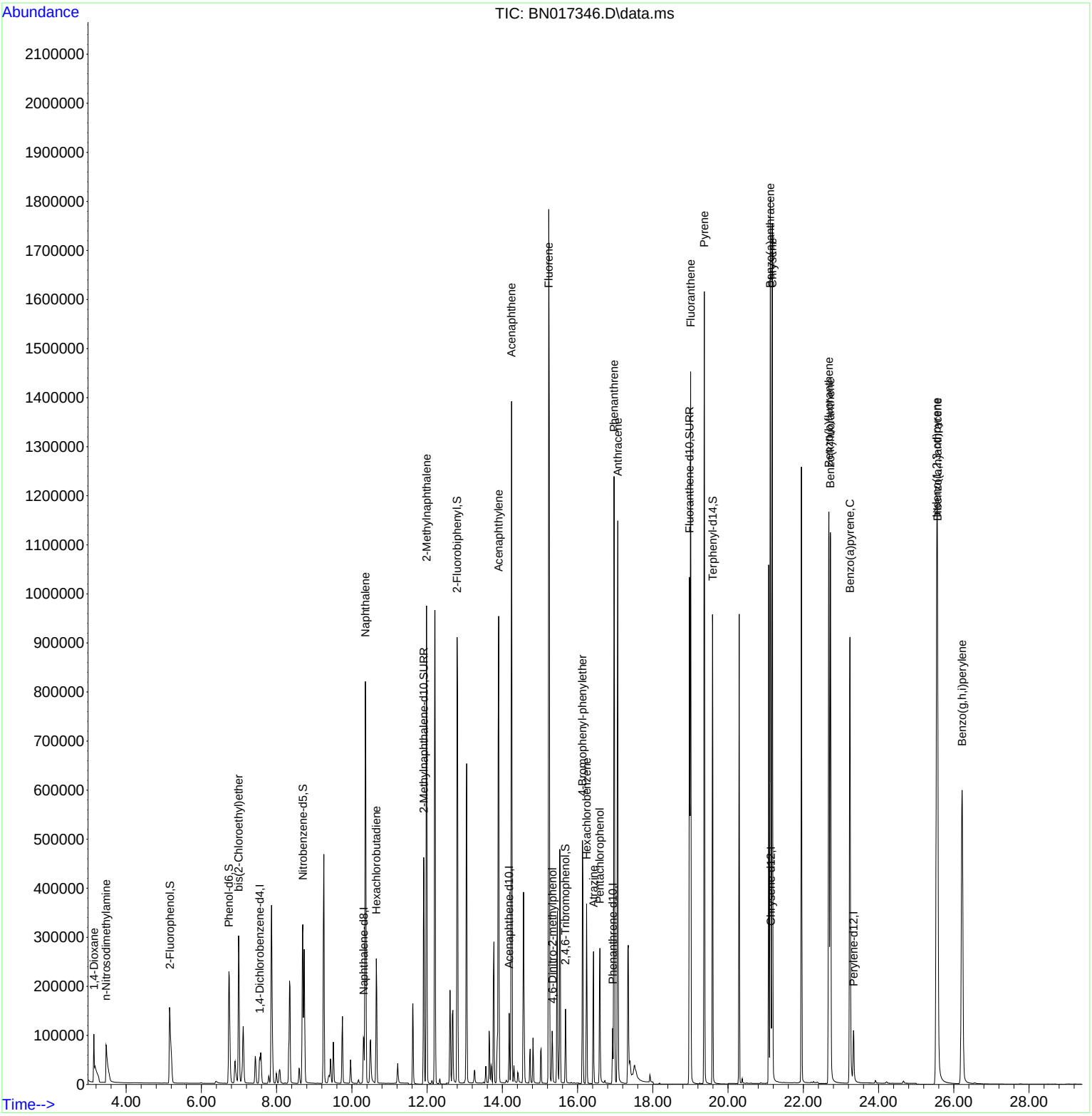
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	31266	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	136529	0.400	ng		0.00
13) Acenaphthene-d10	14.181	164	75293	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	140924	0.400	ng		0.00
29) Chrysene-d12	21.144	240	137417	0.400	ng		0.00
35) Perylene-d12	23.335	264	133460	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.164	112	236869	3.127	ng		0.00
5) Phenol-d6	6.731	99	271274	3.288	ng		0.00
8) Nitrobenzene-d5	8.697	82	285034	3.401	ng		0.01
11) 2-Methylnaphthalene-d10	11.911	152	615521	3.194	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	108226	4.136	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	873179	3.087	ng		0.00
27) Fluoranthene-d10	18.975	212	1121353	3.128	ng		0.00
31) Terphenyl-d14	19.591	244	976223	3.252	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	56556	2.542	ng		93
3) n-Nitrosodimethylamine	3.467	42	93617	3.181	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	260259	3.058	ng		97
9) Naphthalene	10.357	128	1100367	2.993	ng		100
10) Hexachlorobutadiene	10.649	225	211286	3.155	ng	#	100
12) 2-Methylnaphthalene	11.987	142	704187	3.110	ng		99
16) Acenaphthylene	13.902	152	1066570	3.449	ng		100
17) Acenaphthene	14.245	154	655567	3.165	ng		98
18) Fluorene	15.235	166	799718	3.260	ng		99
20) 4,6-Dinitro-2-methylph...	15.336	198	77963	5.243	ng	#	81
21) 4-Bromophenyl-phenylether	16.131	248	264747	3.350	ng		99
22) Hexachlorobenzene	16.240	284	272790	3.216	ng		100
23) Atrazine	16.423	200	208894	3.902	ng		100
24) Pentachlorophenol	16.593	266	131386	4.922	ng		99
25) Phenanthrene	16.970	178	1251162	3.168	ng		100
26) Anthracene	17.068	178	1161052	3.414	ng		100
28) Fluoranthene	19.005	202	1278596	2.955	ng		99
30) Pyrene	19.367	202	1411264	3.211	ng		100
32) Benzo(a)anthracene	21.123	228	1429891	3.350	ng		99
33) Chrysene	21.176	228	1343115	3.085	ng		99
36) Indeno(1,2,3-cd)pyrene	25.547	276	1452457	3.087	ng		99
37) Benzo(b)fluoranthene	22.678	252	1389582	3.237	ng		100
38) Benzo(k)fluoranthene	22.719	252	1361949	3.196	ng		100
39) Benzo(a)pyrene	23.240	252	1279740	3.302	ng		99
40) Dibenzo(a,h)anthracene	25.567	278	1192901	3.139	ng		99
41) Benzo(g,h,i)perylene	26.221	276	1244706	3.014	ng		100

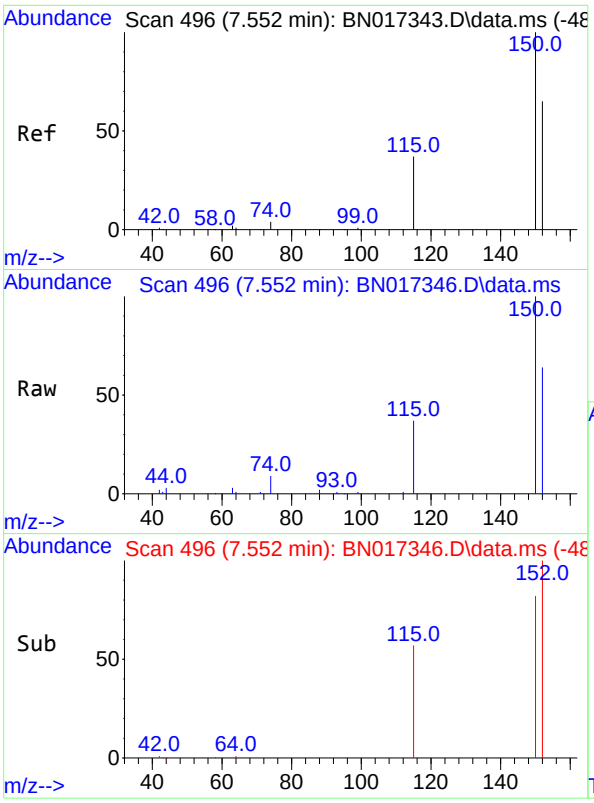
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017346.D
Acq On : 09 Nov 2021 12:52
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 09 13:21:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
Response via : Initial Calibration



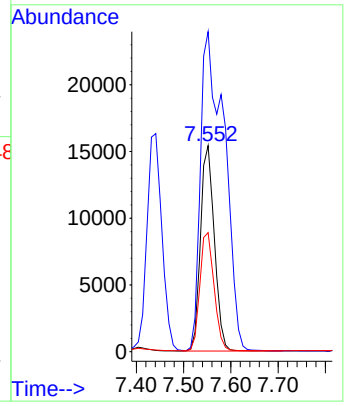


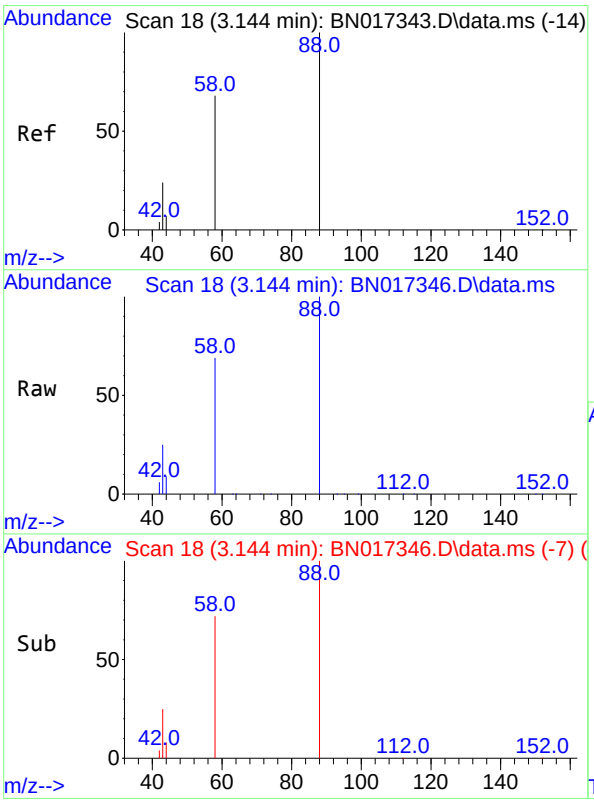
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 31266

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.4
115	57.7	45.6	68.4

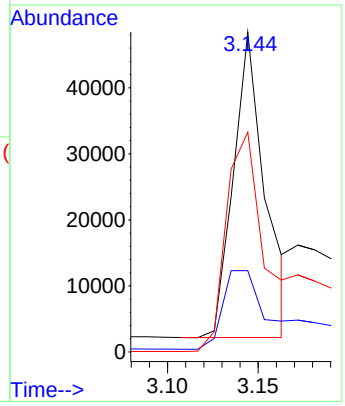


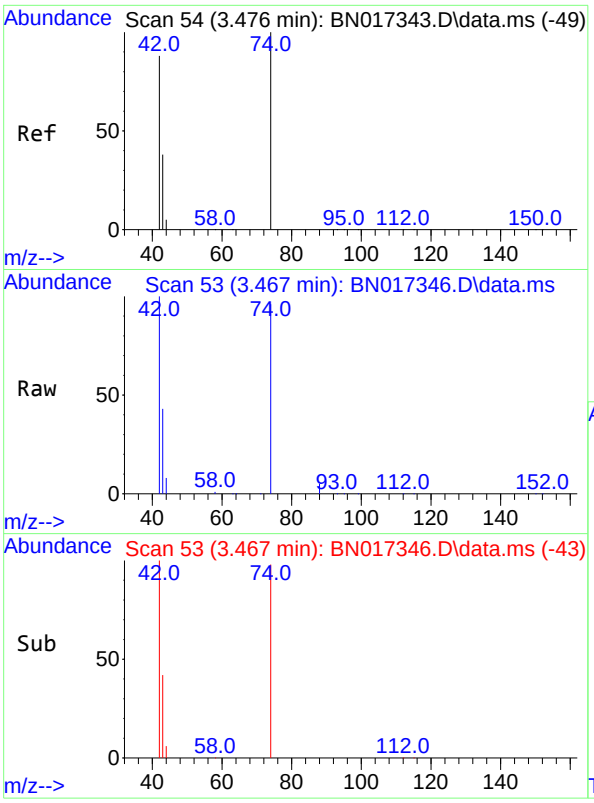


#2
1,4-Dioxane
Concen: 2.542 ng
RT: 3.144 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion: 88 Resp: 56556

Ion	Ratio	Lower	Upper
88	100		
43	33.4	24.7	37.1
58	85.3	63.0	94.6



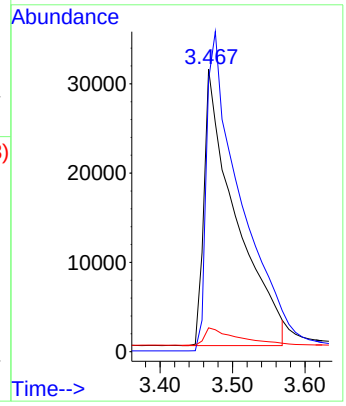


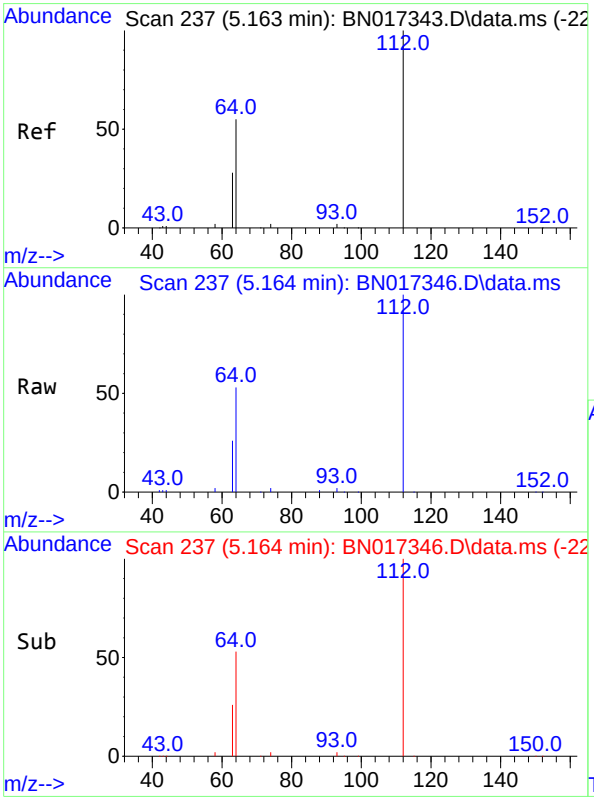
#3
n-Nitrosodimethylamine
Concen: 3.181 ng
RT: 3.467 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 93617

Ion	Ratio	Lower	Upper
42	100		
74	123.1	97.8	146.6
44	6.5	5.5	8.3

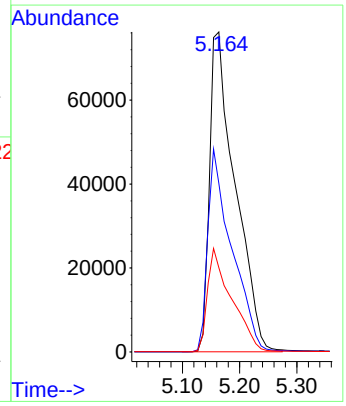


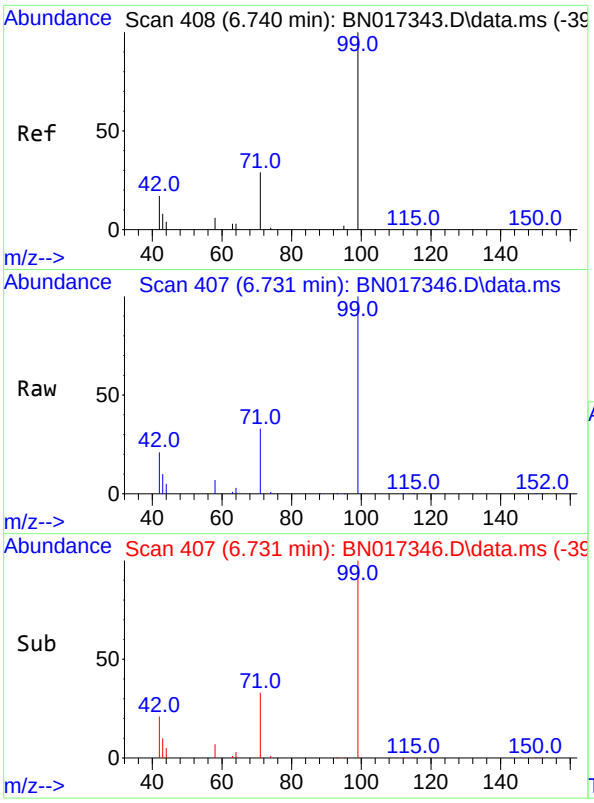


#4
2-Fluorophenol
Concen: 3.127 ng
RT: 5.164 min Scan# 237
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:112 Resp: 236869

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.6	37.0



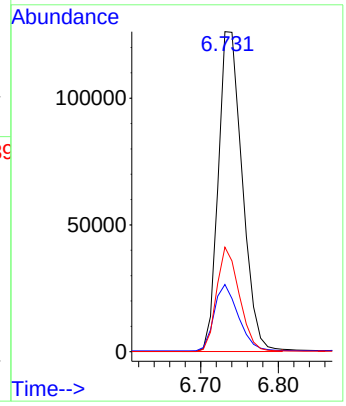


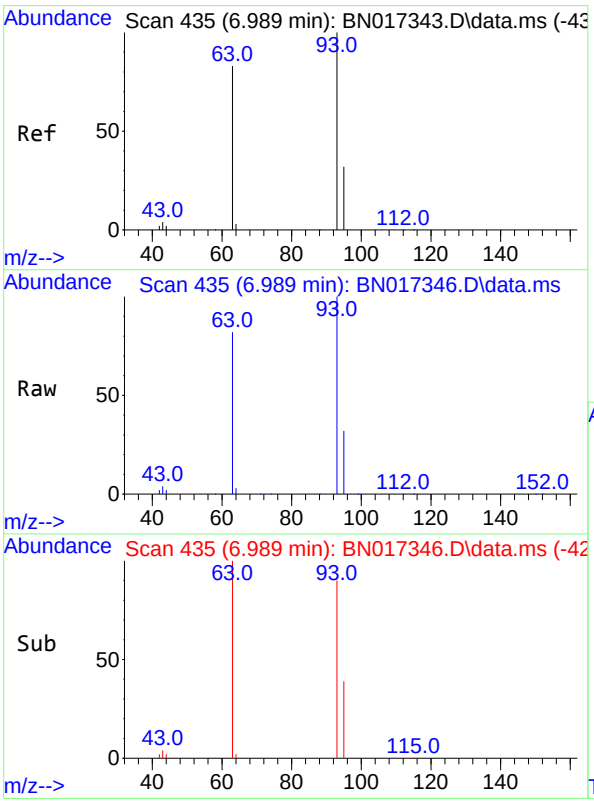
#5
Phenol-d6
Concen: 3.288 ng
RT: 6.731 min Scan# 4(
Delta R.T. -0.009 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 271274

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.0	25.6
71	30.9	24.8	37.2

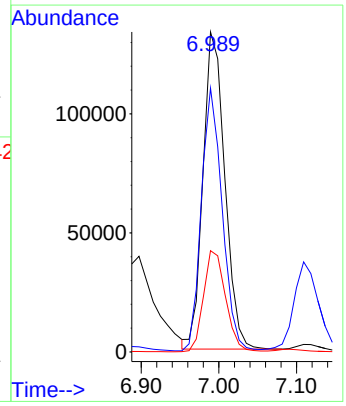


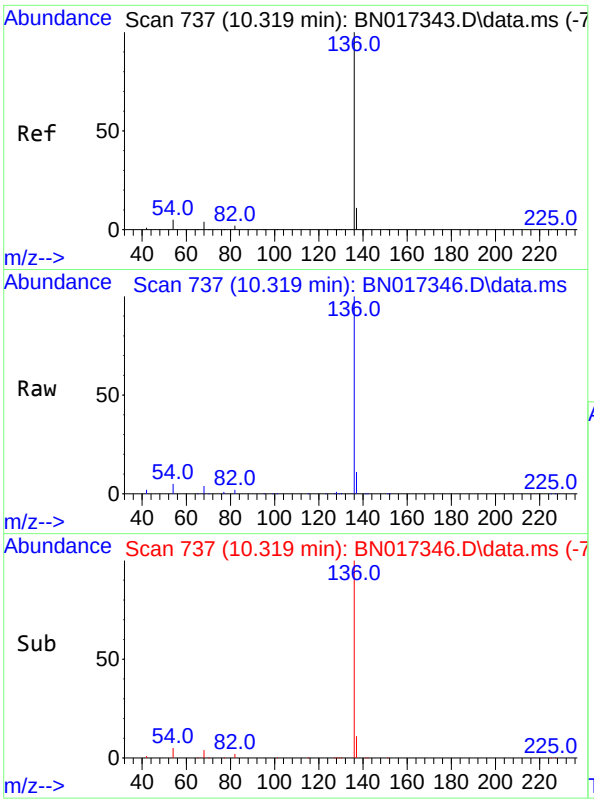


#6
bis(2-Chloroethyl)ether
Concen: 3.058 ng
RT: 6.989 min Scan# 435
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion: 93 Resp: 260259

Ion	Ratio	Lower	Upper
93	100		
63	79.1	65.8	98.6
95	32.1	26.6	39.8



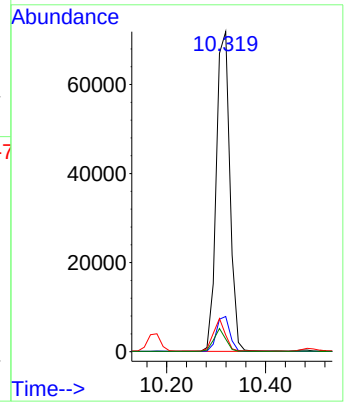


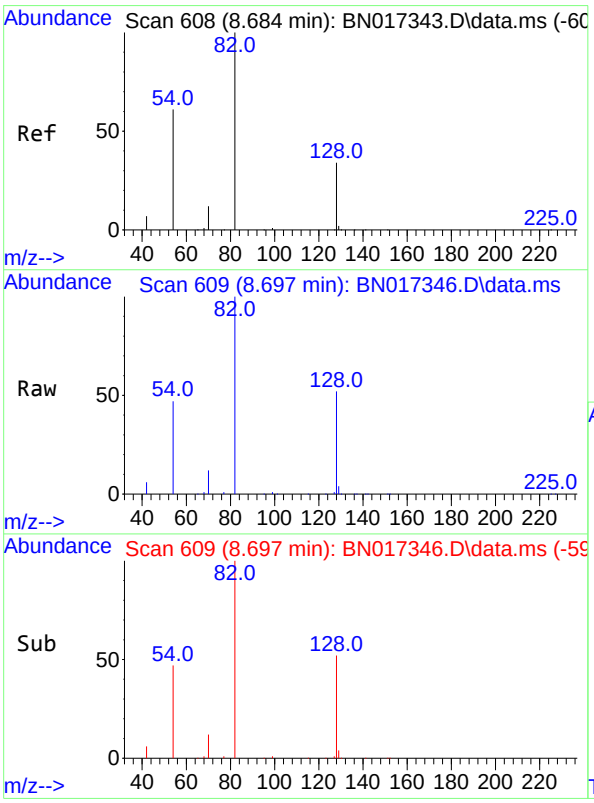
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 136529

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.2	4.0	6.0
68	4.0	3.0	4.6

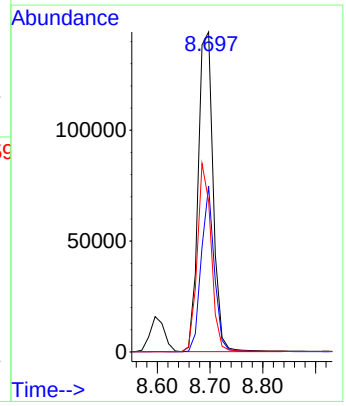


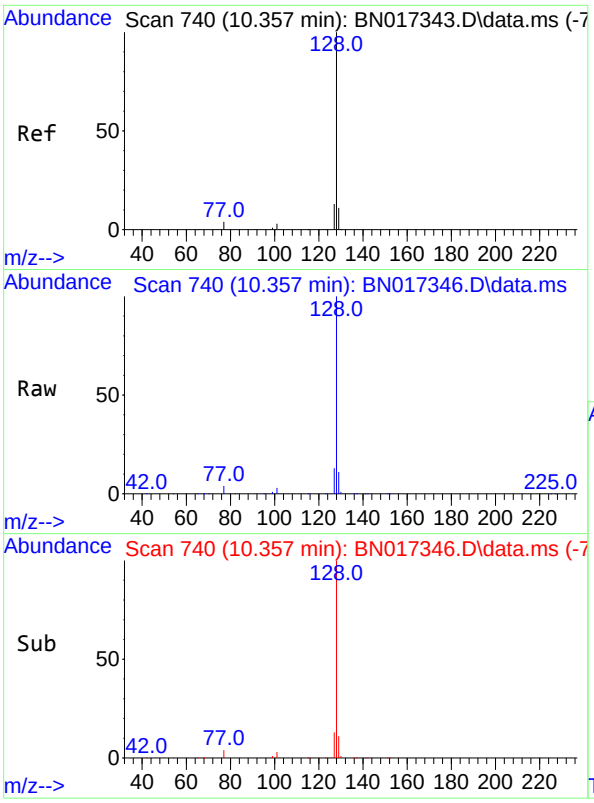


#8
Nitrobenzene-d5
Concen: 3.401 ng
RT: 8.697 min Scan# 609
Delta R.T. 0.013 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion: 82 Resp: 285034

Ion	Ratio	Lower	Upper
82	100		
128	51.8	27.7	41.5#
54	47.1	49.2	73.8#



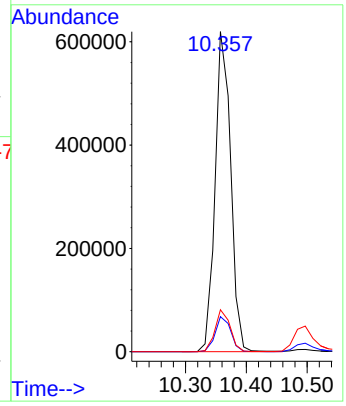


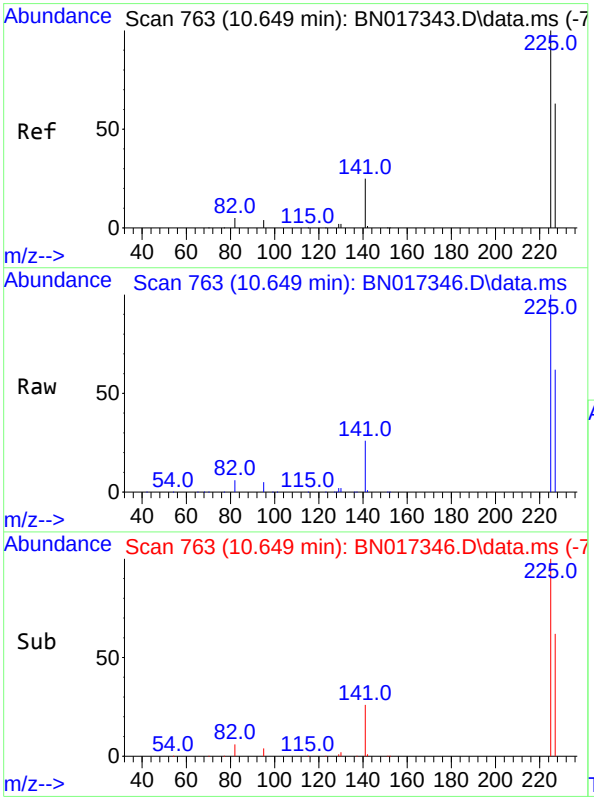
#9
Naphthalene
Concen: 2.993 ng
RT: 10.357 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 1100367

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	15.8

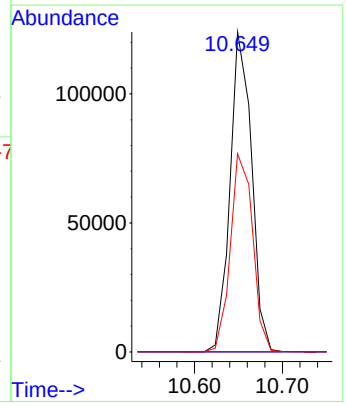


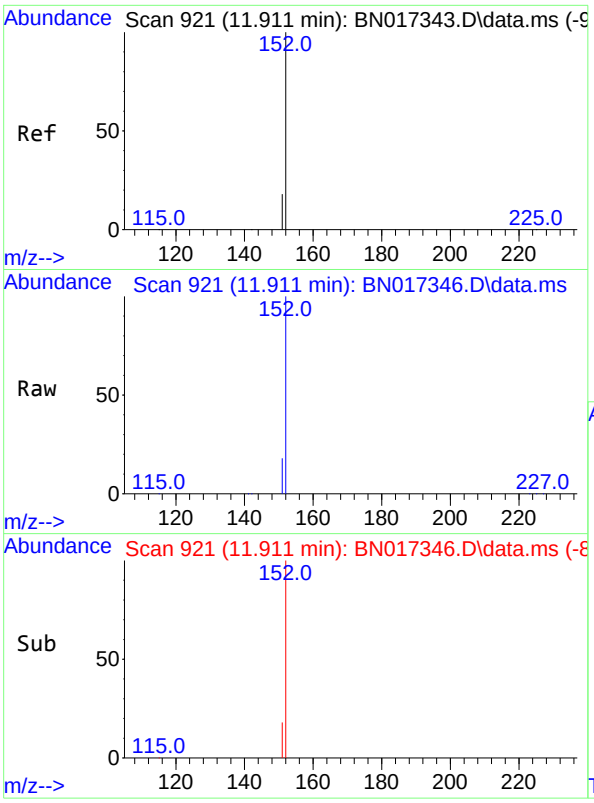


#10
Hexachlorobutadiene
Concen: 3.155 ng
RT: 10.649 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:225 Resp: 211286

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.1	76.7



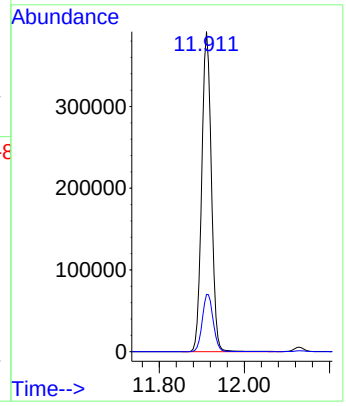


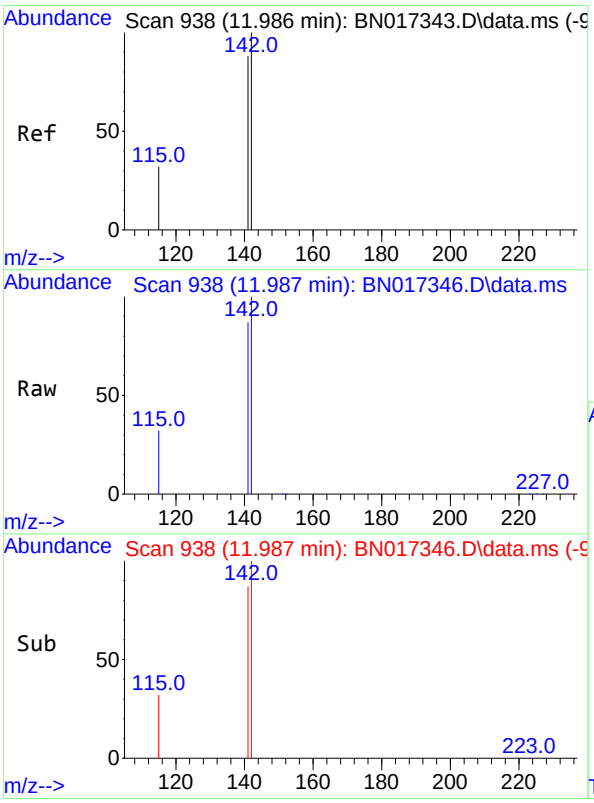
#11
2-Methylnaphthalene-d10
Concen: 3.194 ng
RT: 11.911 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 615521

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

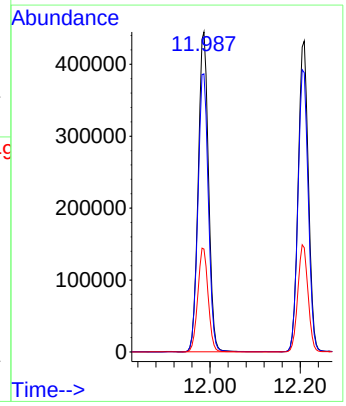


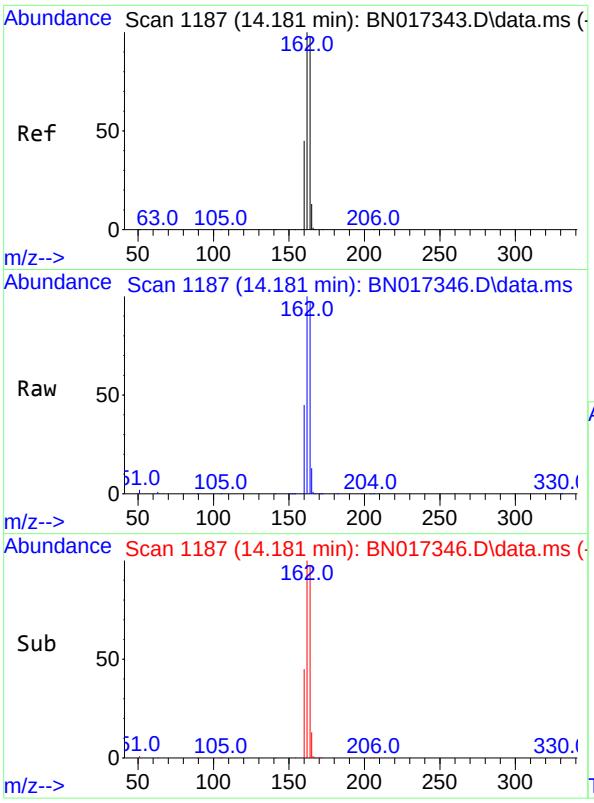


#12
2-Methylnaphthalene
Concen: 3.110 ng
RT: 11.987 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:142 Resp: 704187

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.6	106.0
115	32.1	25.8	38.6



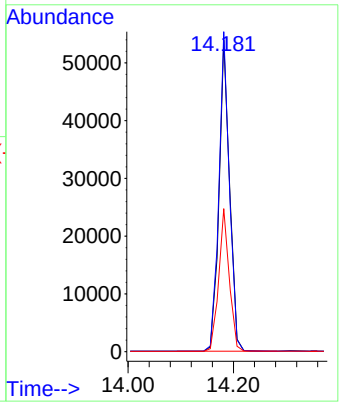


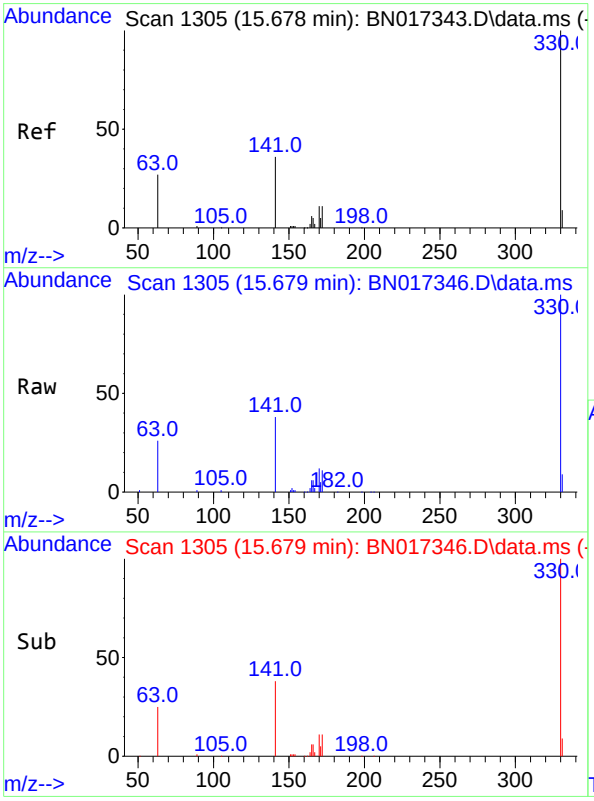
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 75293

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.2
160	45.9	36.8	55.2

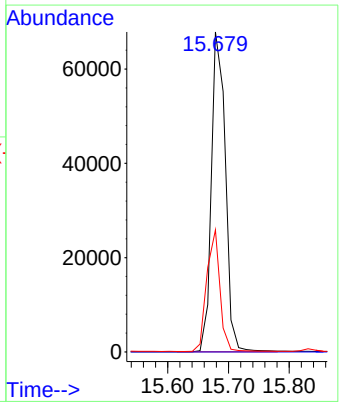


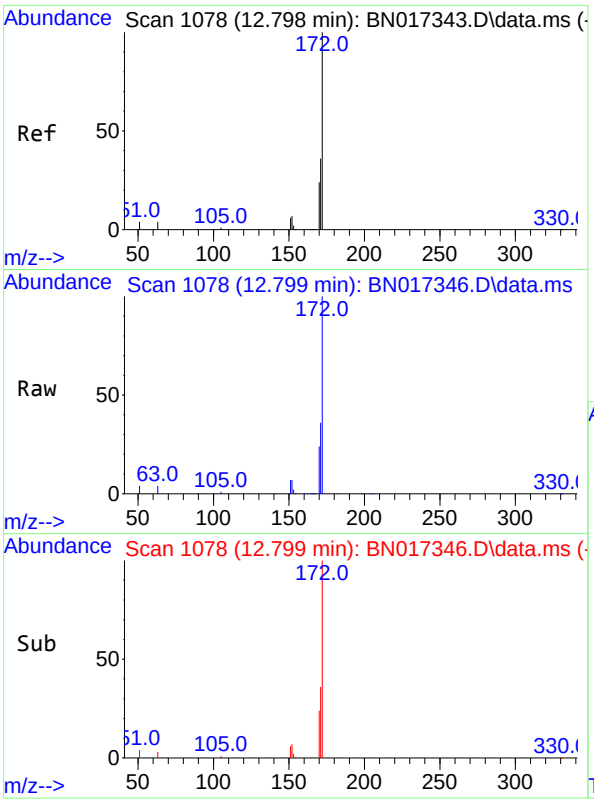


#14
2,4,6-Tribromophenol
Concen: 4.136 ng
RT: 15.679 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:330 Resp: 108226

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	28.9	43.3



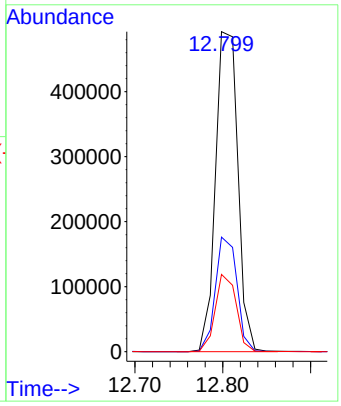


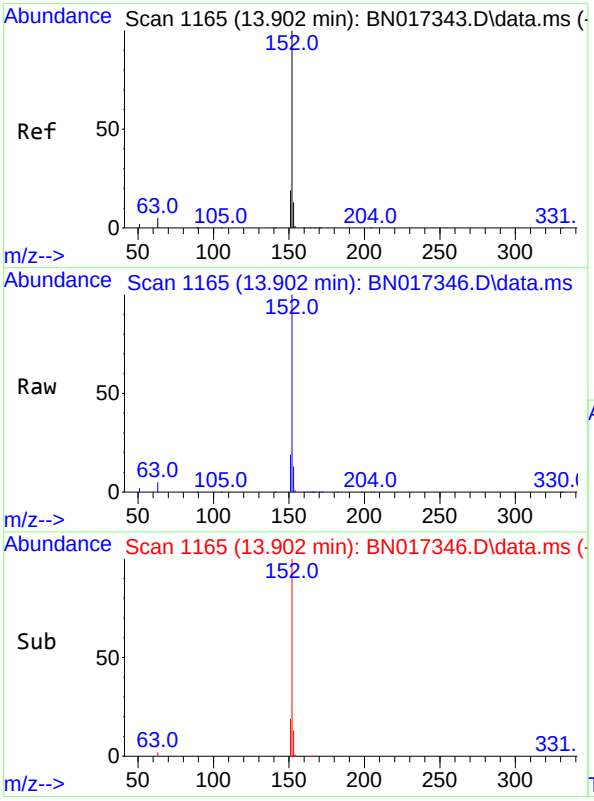
#15
2-Fluorobiphenyl
Concen: 3.087 ng
RT: 12.799 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 873179

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.2	19.4	29.2

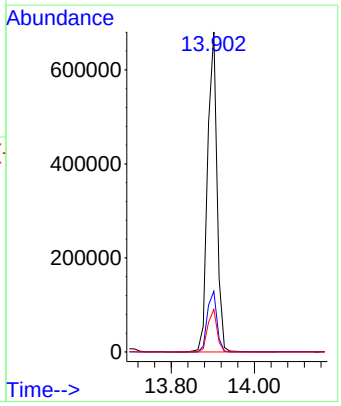


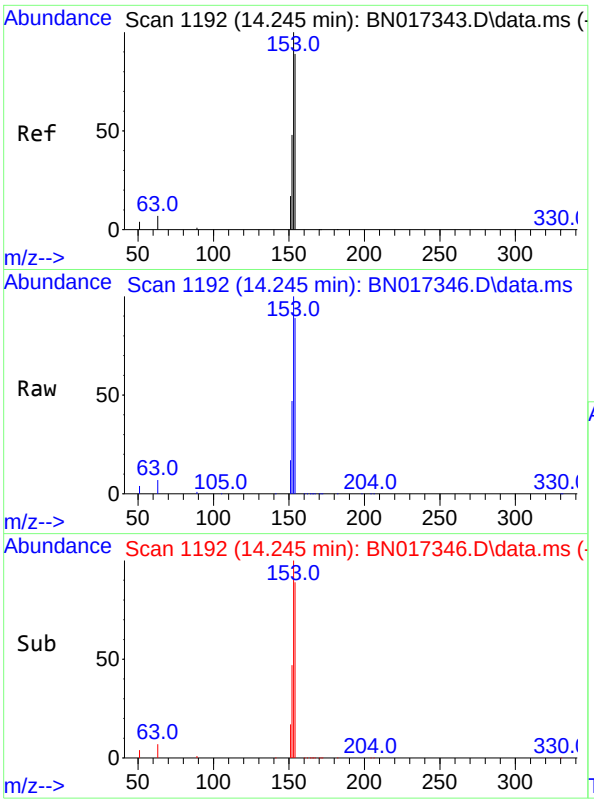


#16
Acenaphthylene
Concen: 3.449 ng
RT: 13.902 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:152 Resp: 1066570

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



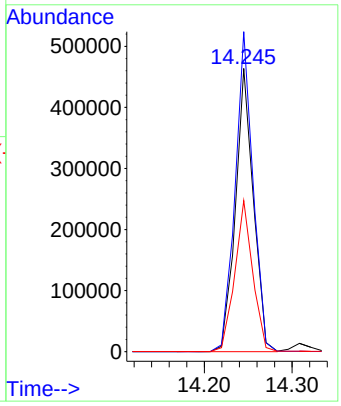


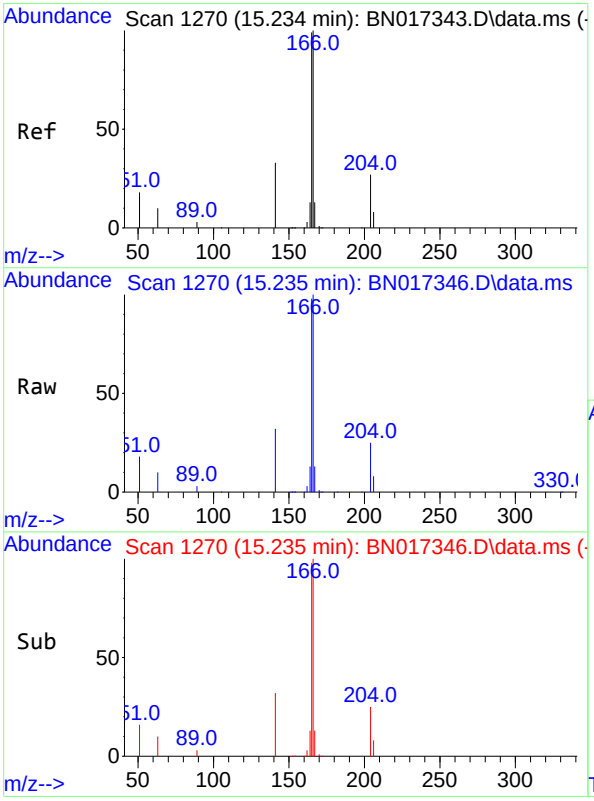
#17
Acenaphthene
Concen: 3.165 ng
RT: 14.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 655567

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	53.6	44.3	66.5

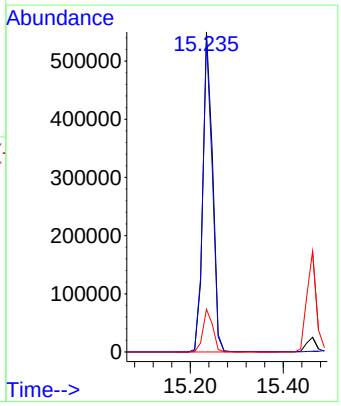


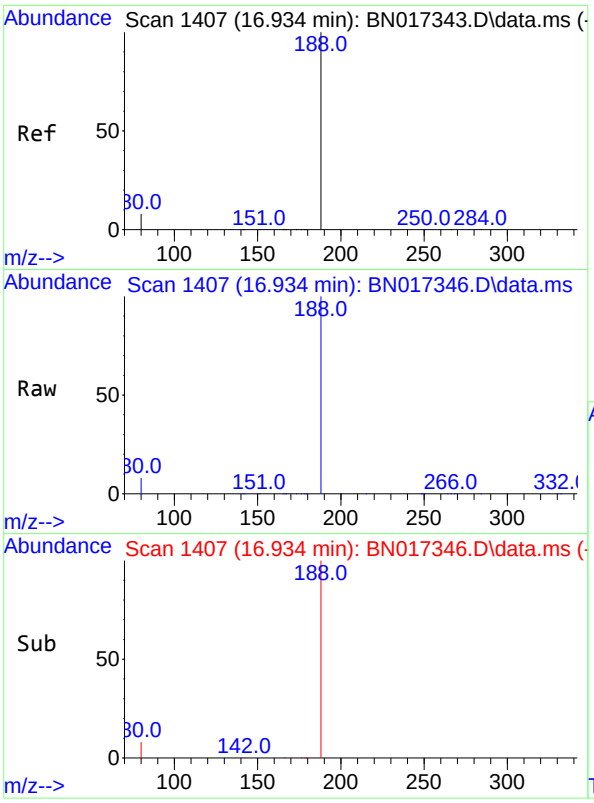


#18
Fluorene
Concen: 3.260 ng
RT: 15.235 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:166 Resp: 799718

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.9	116.9
167	13.5	10.9	16.3



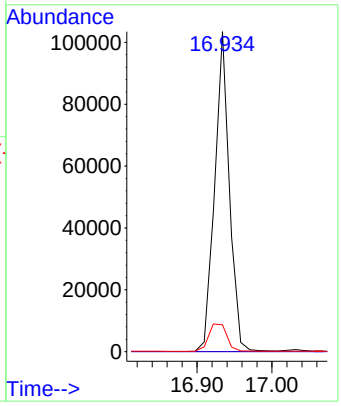


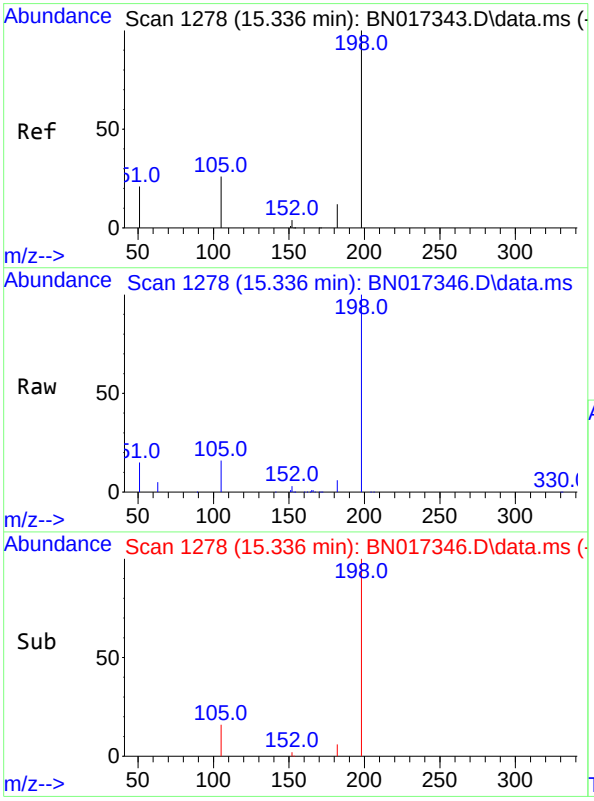
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 140924

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	6.1	9.1

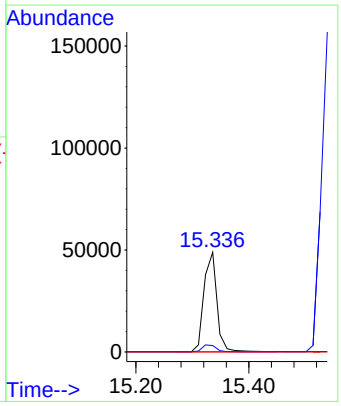


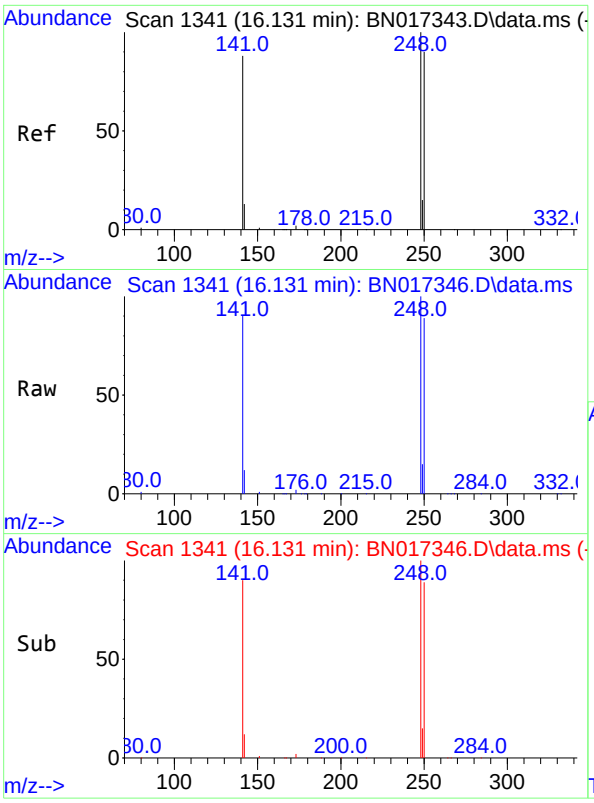


#20
4,6-Dinitro-2-methylphenol
Concen: 5.243 ng
RT: 15.336 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:198 Resp: 77963

Ion	Ratio	Lower	Upper
198	100		
182	6.4	11.4	17.2#
77	0.0	0.0	0.0



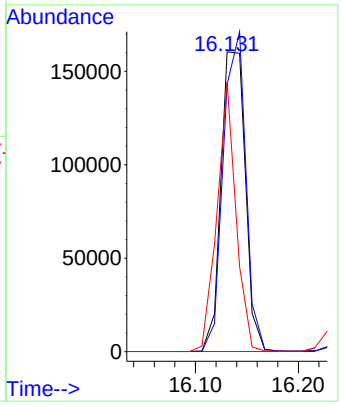


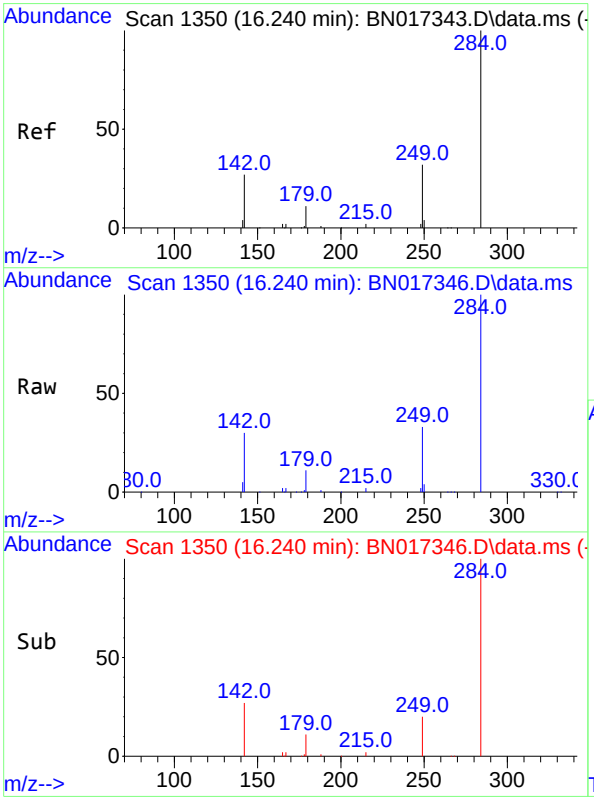
#21
4-Bromophenyl-phenylether
Concen: 3.350 ng
RT: 16.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 264747

Ion	Ratio	Lower	Upper
248	100		
250	89.2	71.8	107.8
141	89.8	70.9	106.3

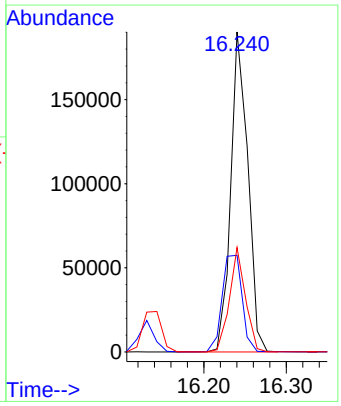


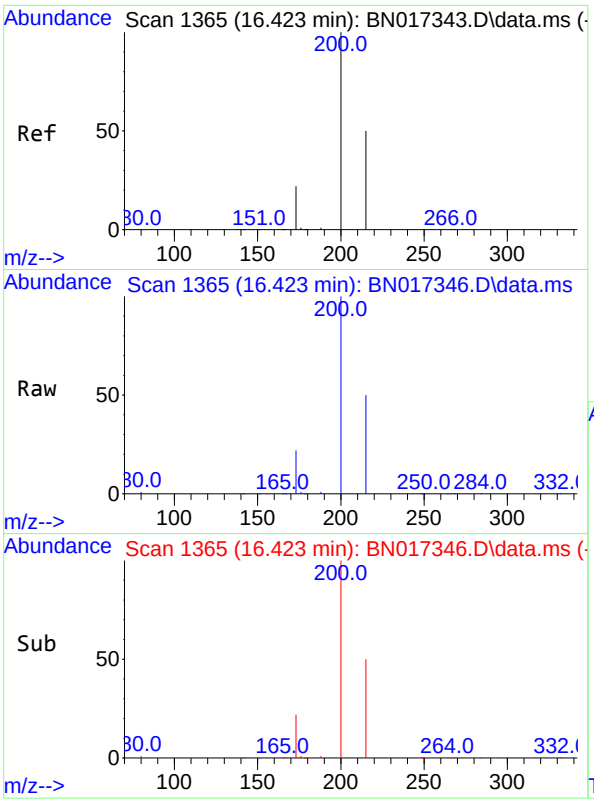


#22
Hexachlorobenzene
Concen: 3.216 ng
RT: 16.240 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:284 Resp: 272790

Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.2	42.2
249	30.5	24.4	36.6



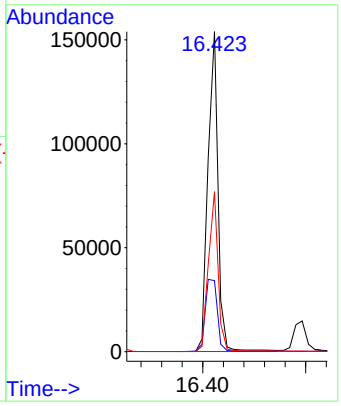


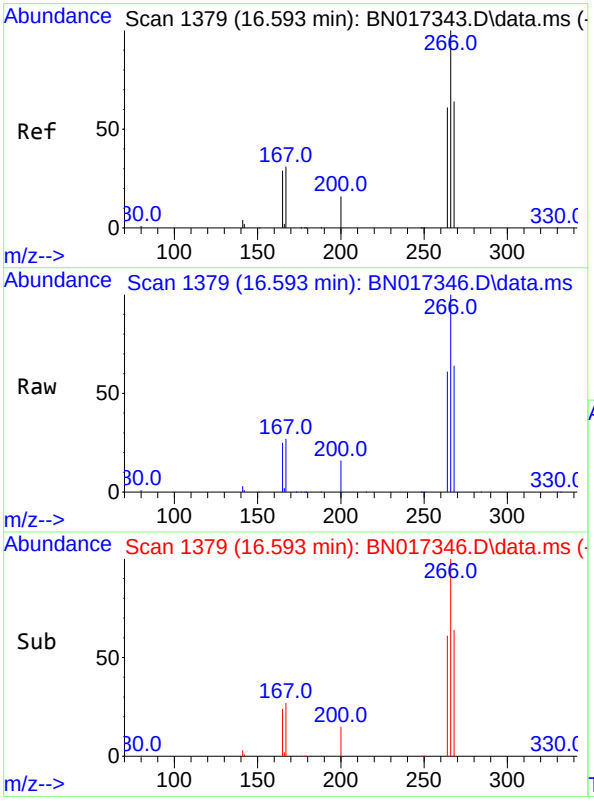
#23
Atrazine
Concen: 3.902 ng
RT: 16.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 208894

Ion	Ratio	Lower	Upper
200	100		
173	22.2	17.6	26.4
215	50.0	40.2	60.4

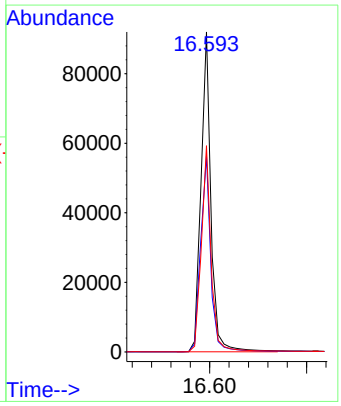


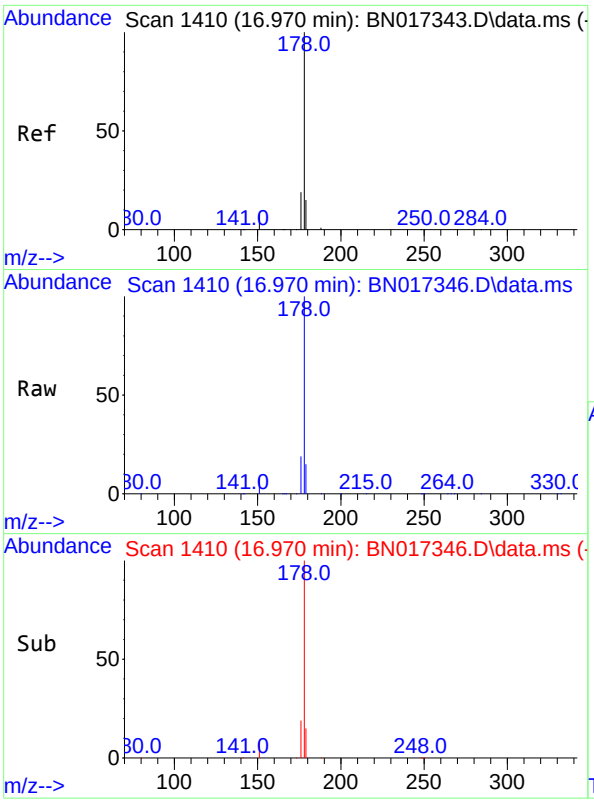


#24
Pentachlorophenol
Concen: 4.922 ng
RT: 16.593 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:266 Resp: 131386

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.8
268	63.7	51.3	76.9



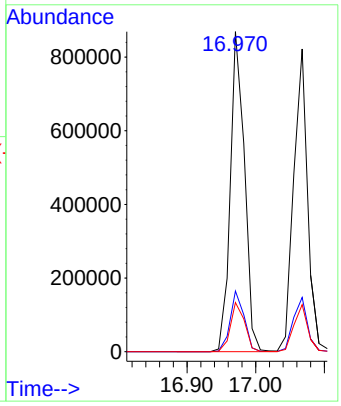


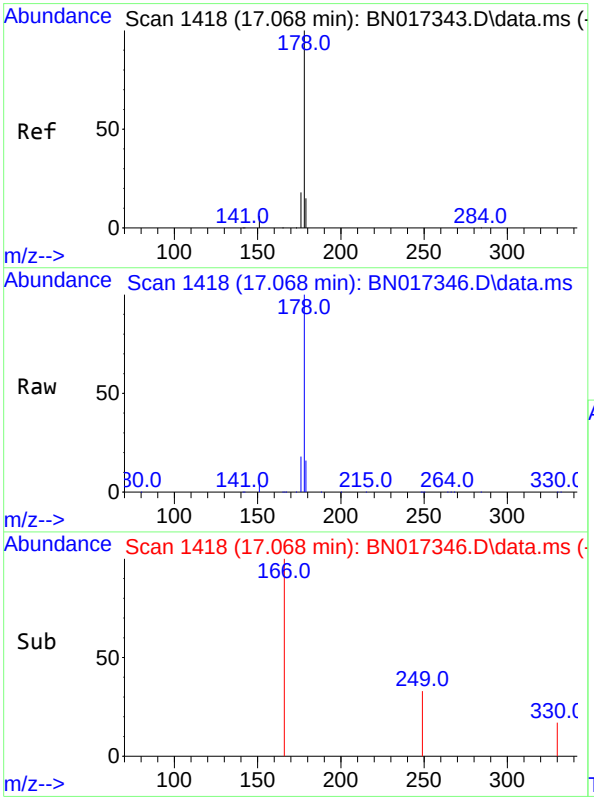
#25
Phenanthrene
Concen: 3.168 ng
RT: 16.970 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 1251162

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.3	18.5

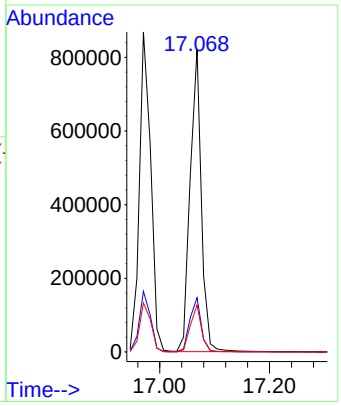


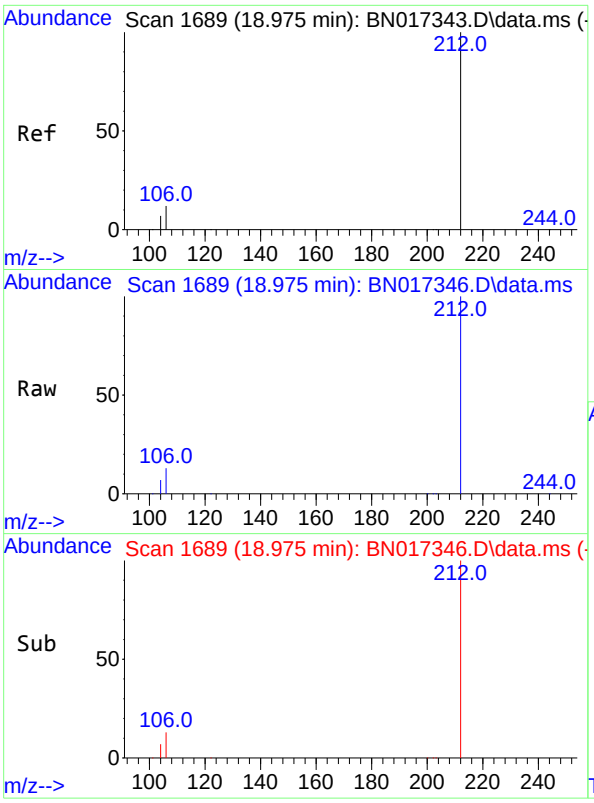


#26
Anthracene
Concen: 3.414 ng
RT: 17.068 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:178 Resp: 1161052

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.5	12.2	18.4



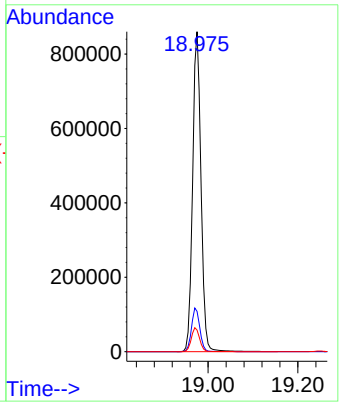


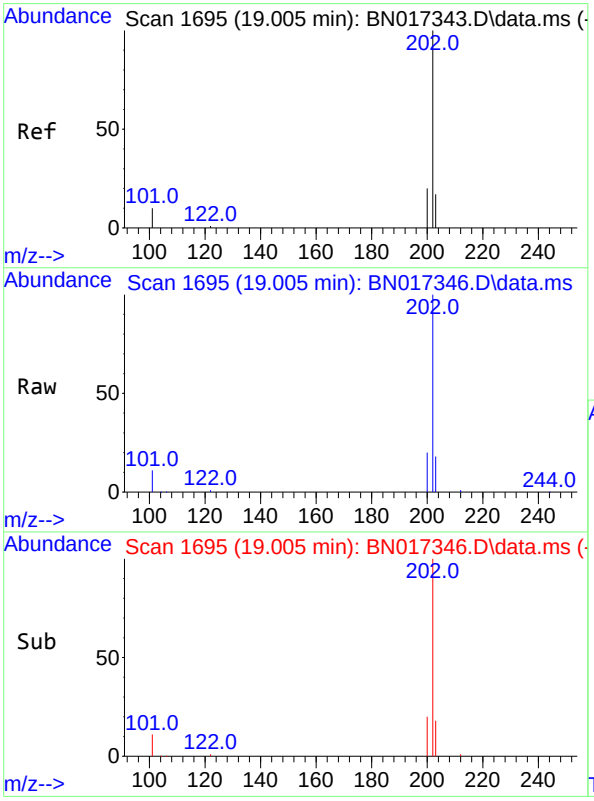
#27
Fluoranthene-d10
Concen: 3.128 ng
RT: 18.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1121353

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.5	15.7
104	7.5	5.8	8.6

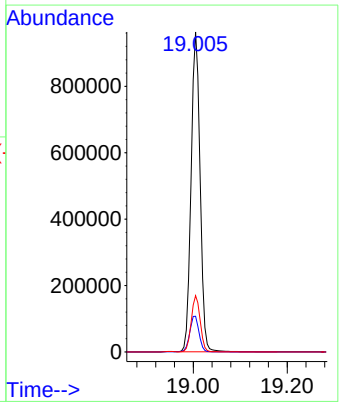


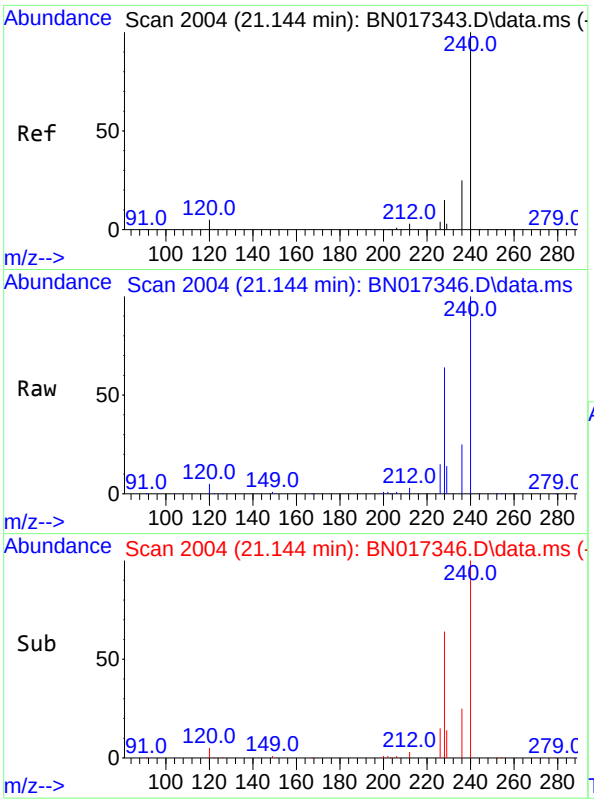


#28
Fluoranthene
Concen: 2.955 ng
RT: 19.005 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:202 Resp: 1278596

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
203	17.6	13.8	20.6



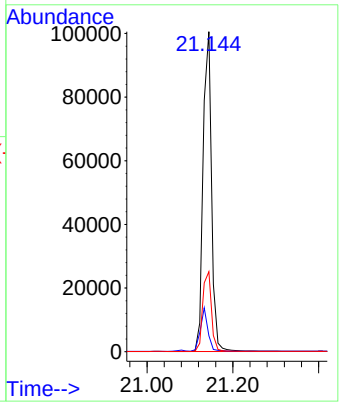


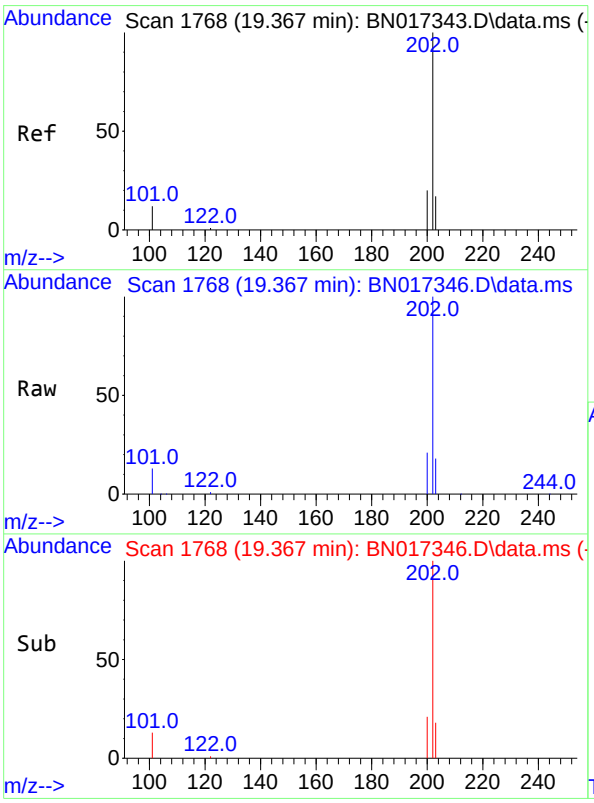
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.144 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 137417

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.2	6.2
236	25.0	20.0	30.0

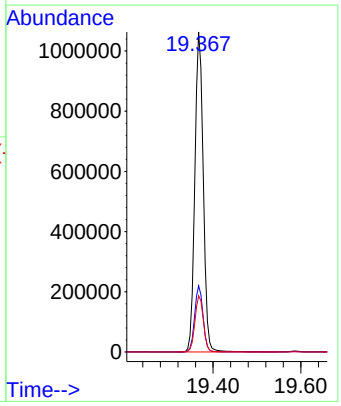


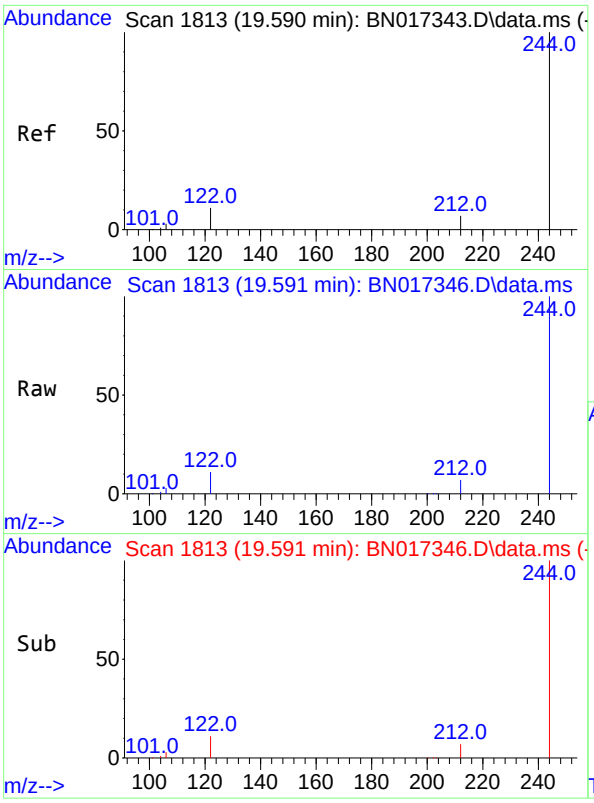


#30
Pyrene
Concen: 3.211 ng
RT: 19.367 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:202 Resp: 1411264

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	14.0	21.0



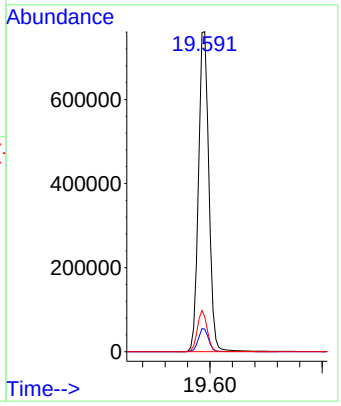


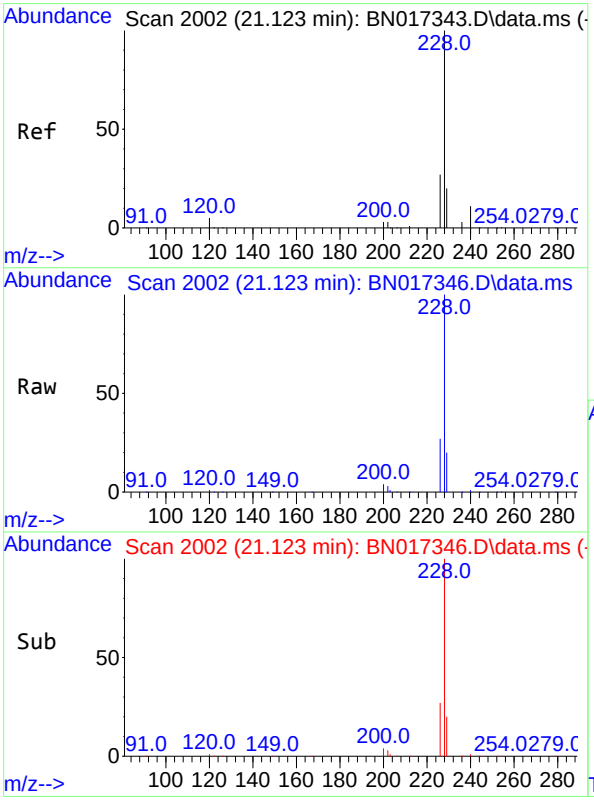
#31
Terphenyl-d14
Concen: 3.252 ng
RT: 19.591 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 976223

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.8	8.6	13.0

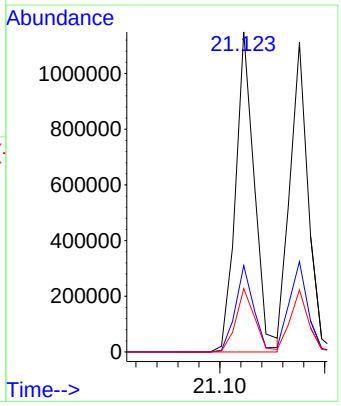


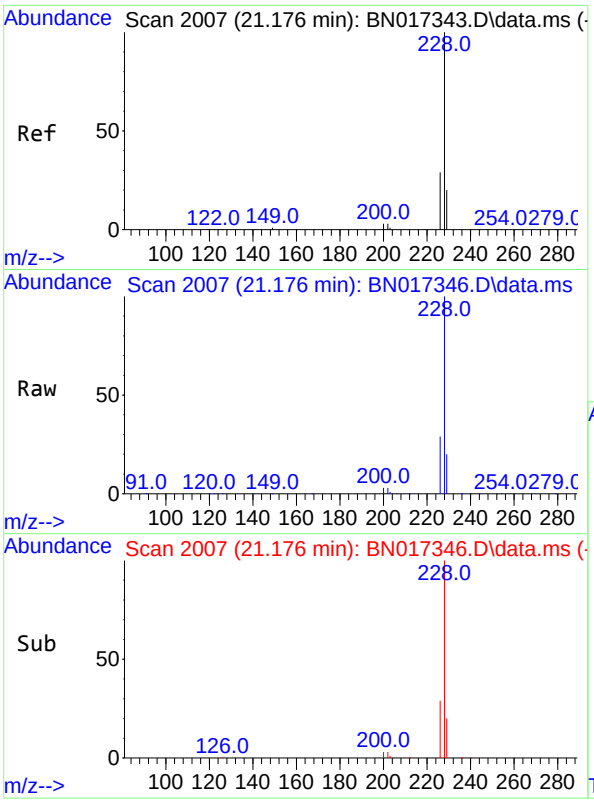


#32
Benzo(a)anthracene
Concen: 3.350 ng
RT: 21.123 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:228 Resp: 1429891

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.8	15.7	23.5



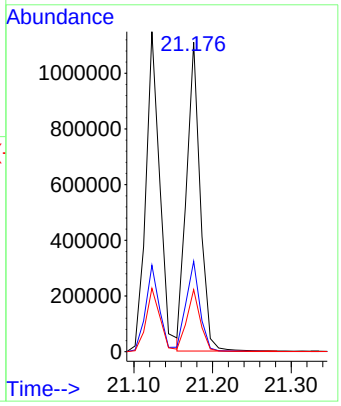


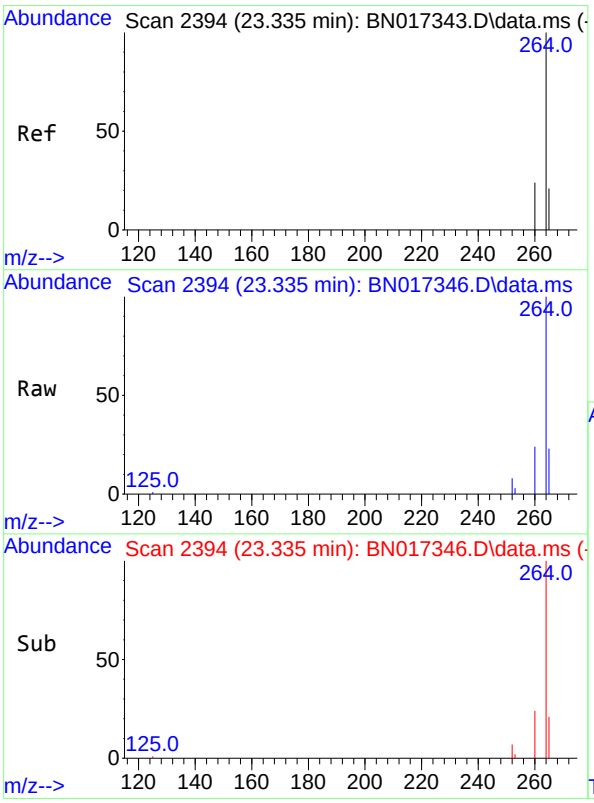
#33
Chrysene
Concen: 3.085 ng
RT: 21.176 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 1343115

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	20.0	15.6	23.4

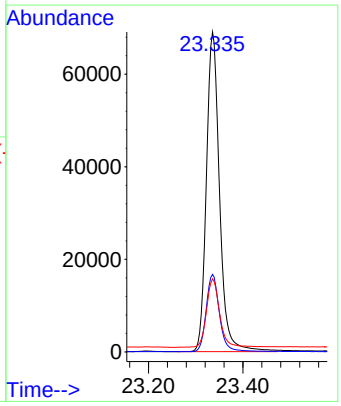


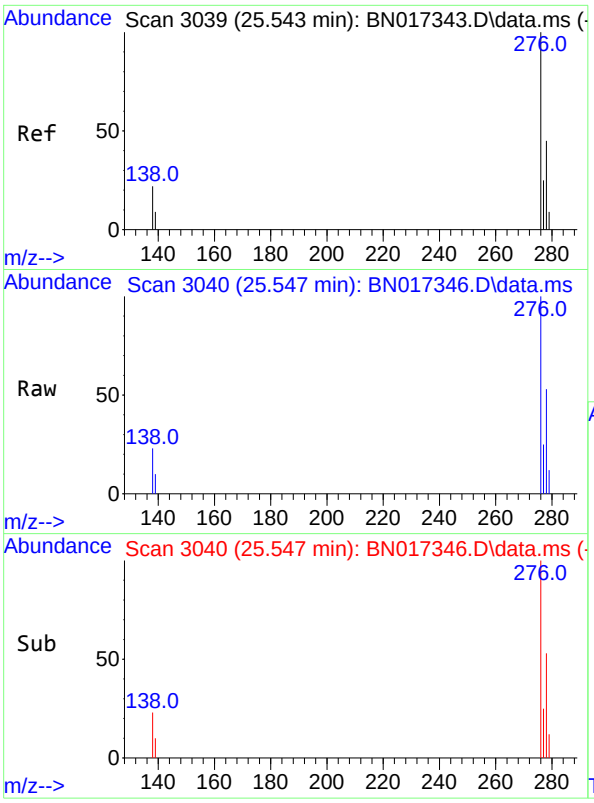


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:264 Resp: 133460

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.8	18.6	28.0



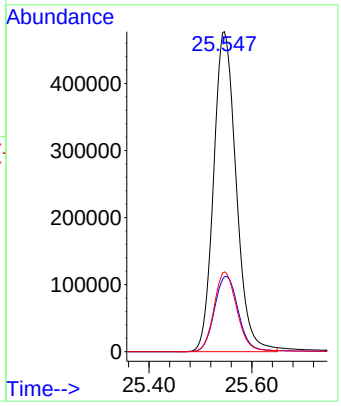


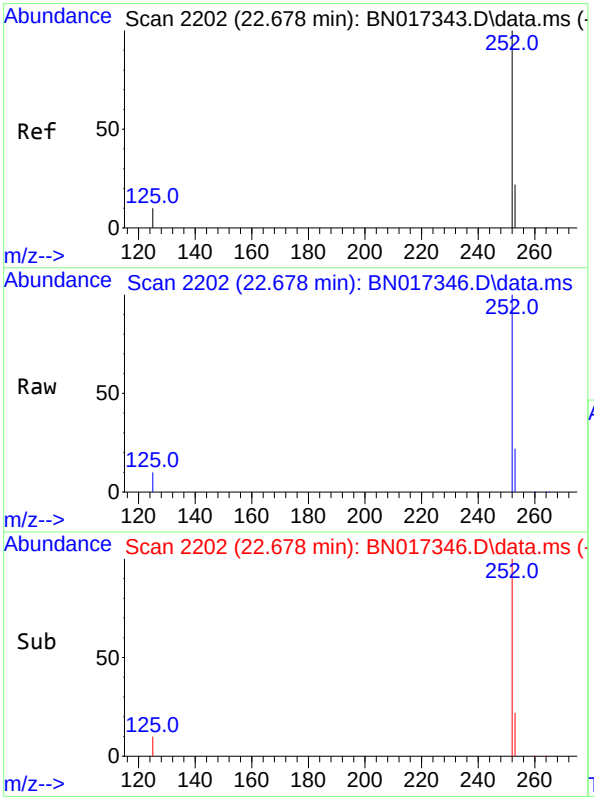
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.087 ng
RT: 25.547 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 1452457

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	25.2	20.0	30.0

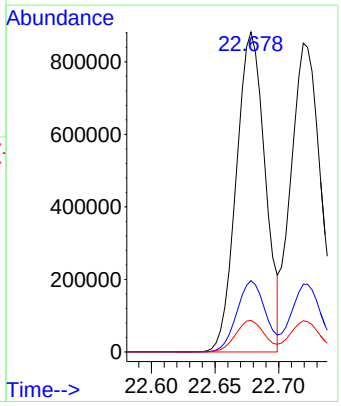


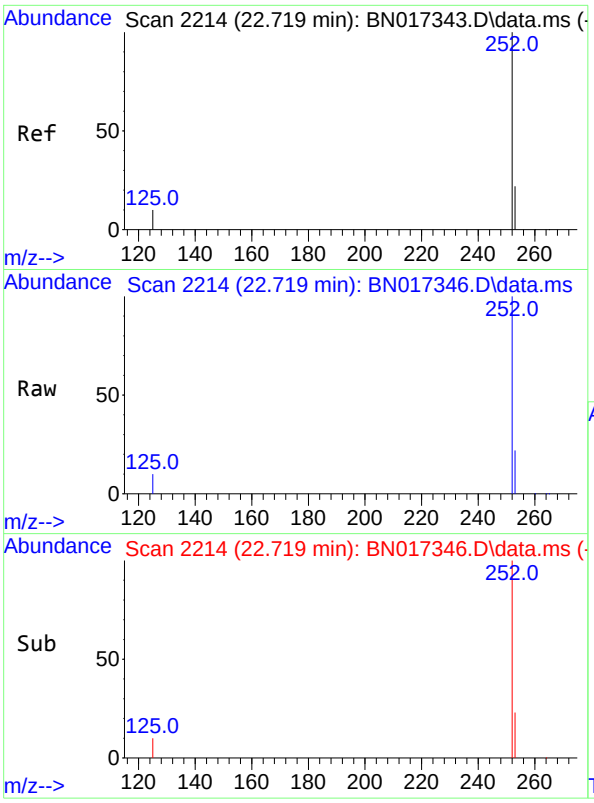


#37
Benzo(b)fluoranthene
Concen: 3.237 ng
RT: 22.678 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:252 Resp: 1389582

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.8	7.8	11.8



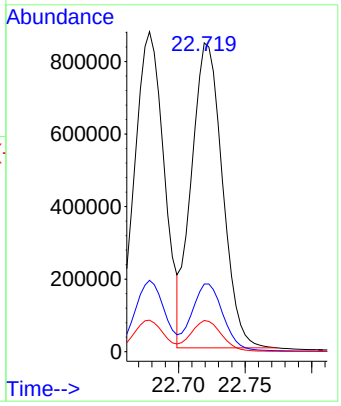


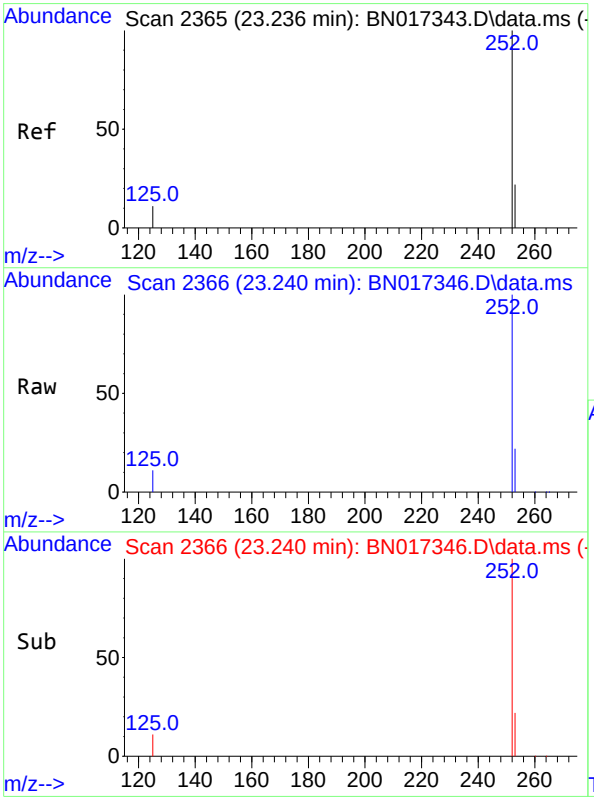
#38
Benzo(k)fluoranthene
Concen: 3.196 ng
RT: 22.719 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 1361949

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.1	8.2	12.2

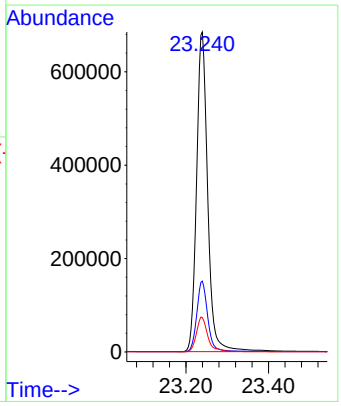


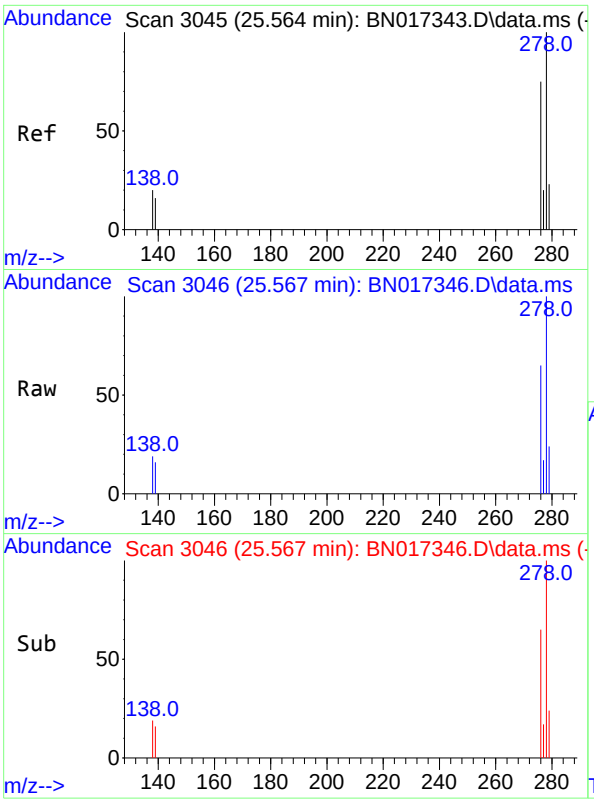


#39
Benzo(a)pyrene
Concen: 3.302 ng
RT: 23.240 min Scan# 2366
Delta R.T. 0.004 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:252 Resp: 1279740

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.8	9.2	13.8



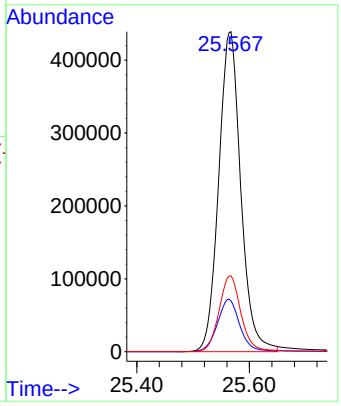


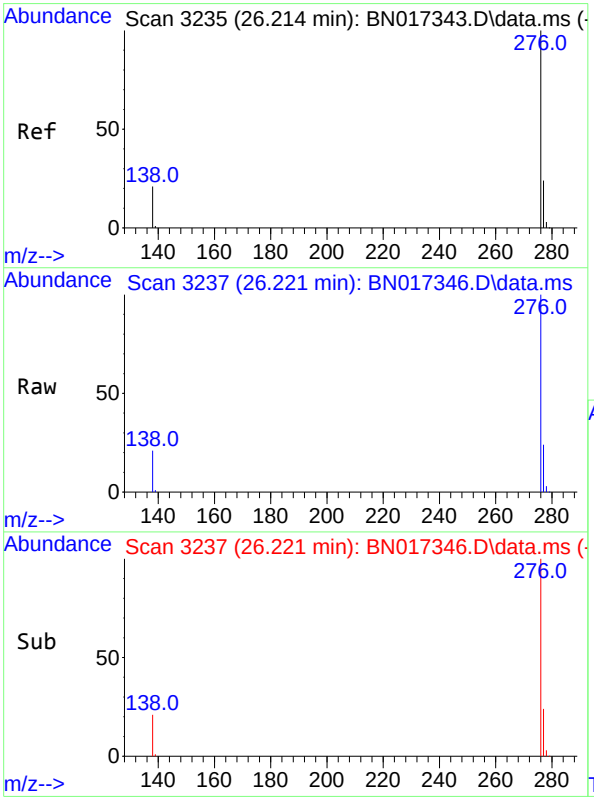
#40
Dibenzo(a,h)anthracene
Concen: 3.139 ng
RT: 25.567 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 1192901

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.6
279	23.7	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 3.014 ng
RT: 26.221 min Scan# 3237
Delta R.T. 0.007 min
Lab File: BN017346.D
Acq: 09 Nov 2021 12:52

Tgt Ion:276 Resp: 1244706

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.3	17.1	25.7