Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017212.D
Acq On : 01 Nov 2021 14:24
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 01 15:17:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 15:13:26 2021
Response via : Initial Calibration

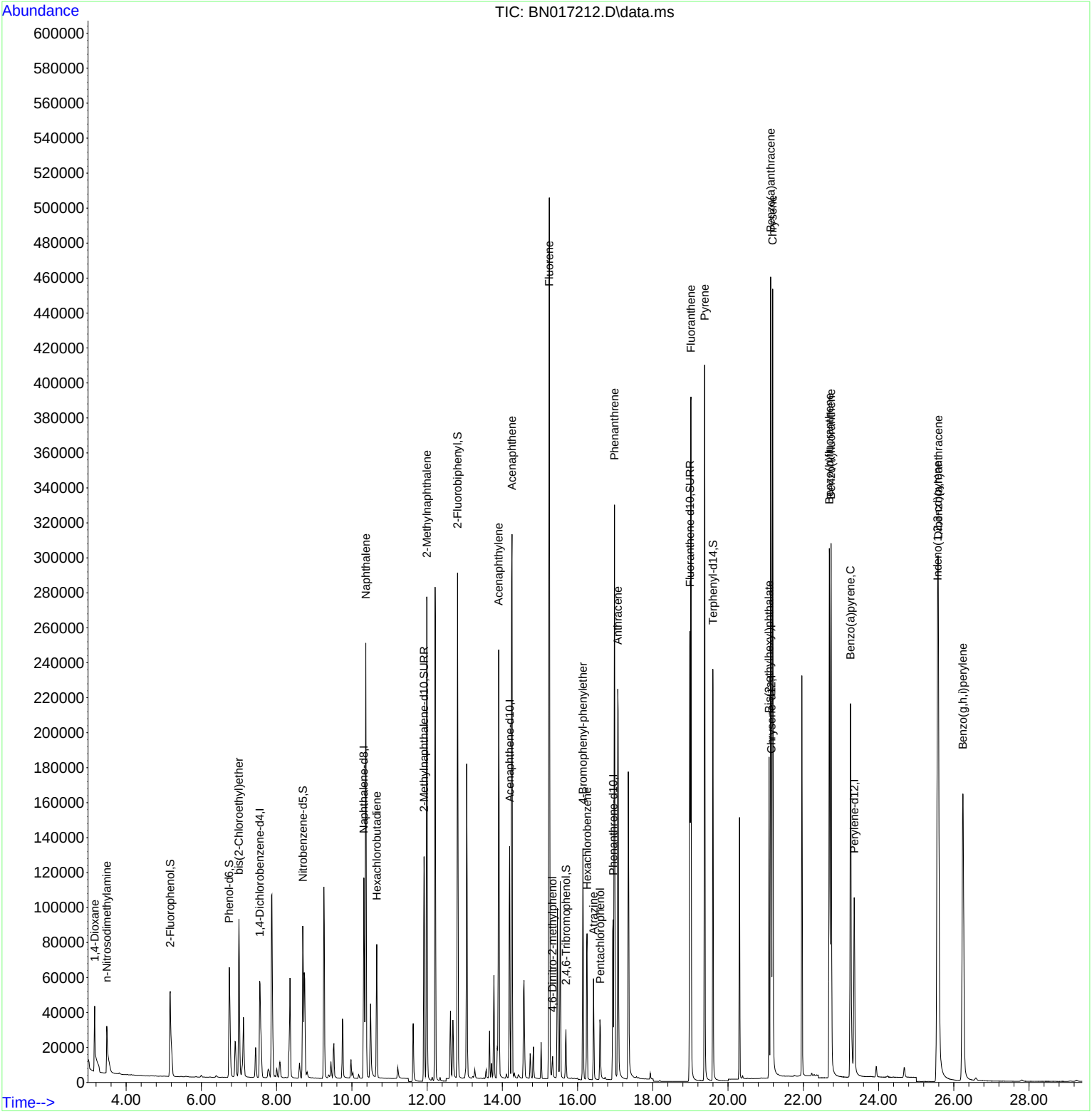
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	33959	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	149689	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	78698	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	139555	0.400	ng	0.00
29) Chrysene-d12	21.154	240	140254	0.400	ng	0.00
35) Perylene-d12	23.352	264	136847	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.173	112	66813	0.877	ng	0.00
5) Phenol-d6	6.740	99	72396	0.857	ng	0.00
8) Nitrobenzene-d5	8.697	82	71896	0.824	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	171483	0.756	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	21189	0.748	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	237175	0.806	ng	0.00
27) Fluoranthene-d10	18.985	212	290896	0.742	ng	0.00
31) Terphenyl-d14	19.595	244	243916	0.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.162	88	20163	1.114	ng	# 79
3) n-Nitrosodimethylamine	3.485	42	26451	0.888	ng	99
6) bis(2-Chloroethyl)ether	6.998	93	76023	0.850	ng	99
9) Naphthalene	10.370	128	318339	0.815	ng	100
10) Hexachlorobutadiene	10.661	225	59453	0.827	ng	# 99
12) 2-Methylnaphthalene	11.995	142	201665	0.821	ng	97
16) Acenaphthylene	13.902	152	267020	0.848	ng	100
17) Acenaphthene	14.257	154	175196	0.807	ng	100
18) Fluorene	15.247	166	208431	0.810	ng	99
20) 4,6-Dinitro-2-methylph...	15.336	198	9123	0.595	ng	93
21) 4-Bromophenyl-phenylether	16.143	248	64228	0.836	ng	98
22) Hexachlorobenzene	16.252	284	68837	0.822	ng	100
23) Atrazine	16.422	200	44824	0.829	ng	100
24) Pentachlorophenol	16.605	266	19066	0.621	ng	99
25) Phenanthrene	16.982	178	320020	0.819	ng	100
26) Anthracene	17.067	178	278810	0.852	ng	100
28) Fluoranthene	19.015	202	361736	0.854	ng	100
30) Pyrene	19.377	202	358428	0.812	ng	100
32) Benzo(a)anthracene	21.133	228	358328	0.845	ng	100
33) Chrysene	21.186	228	361230	0.810	ng	99
34) Bis(2-ethylhexyl)phtha...	21.091	149	144688	0.809	ng	100
36) Indeno(1,2,3-cd)pyrene	25.567	276	403442	0.812	ng	100
37) Benzo(b)fluoranthene	22.692	252	365246	0.855	ng	100
38) Benzo(k)fluoranthene	22.736	252	361289	0.851	ng	100
39) Benzo(a)pyrene	23.256	252	326816	0.846	ng	99
40) Dibenzo(a,h)anthracene	25.587	278	326405	0.809	ng	99
41) Benzo(g,h,i)perylene	26.241	276	349067	0.802	ng	100

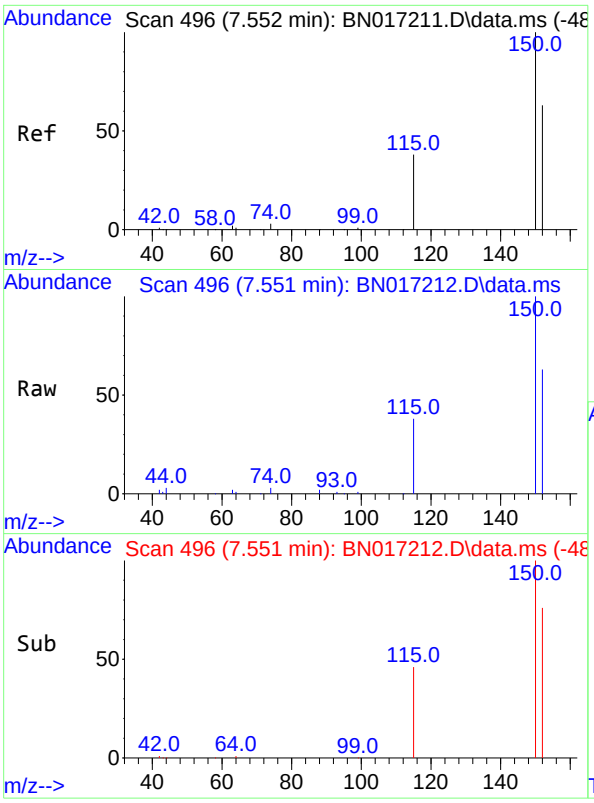
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017212.D
Acq On : 01 Nov 2021 14:24
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 01 15:17:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 15:13:26 2021
Response via : Initial Calibration



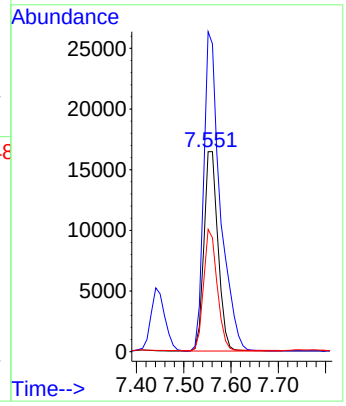


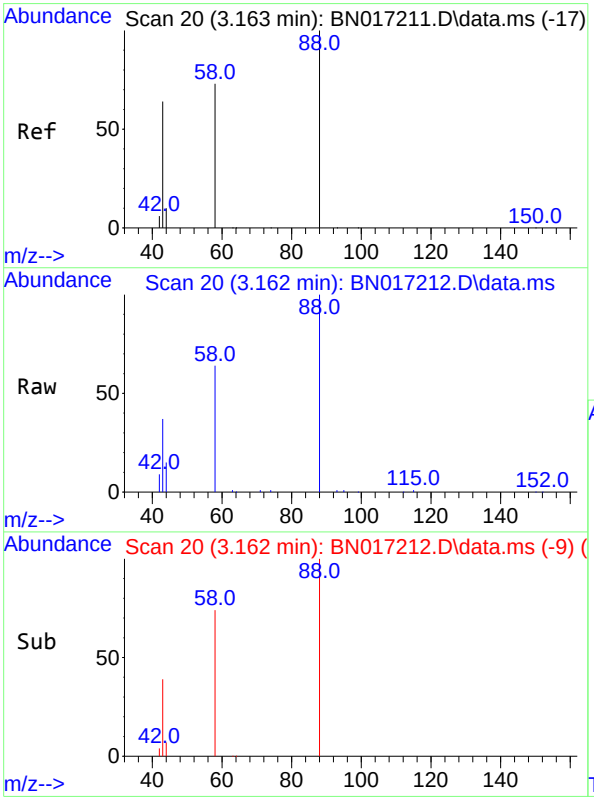
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.551 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 33959

Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.4	191.0
115	61.1	48.5	72.7

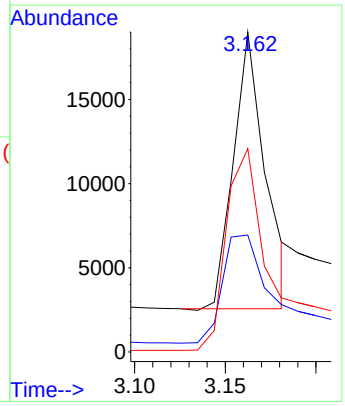


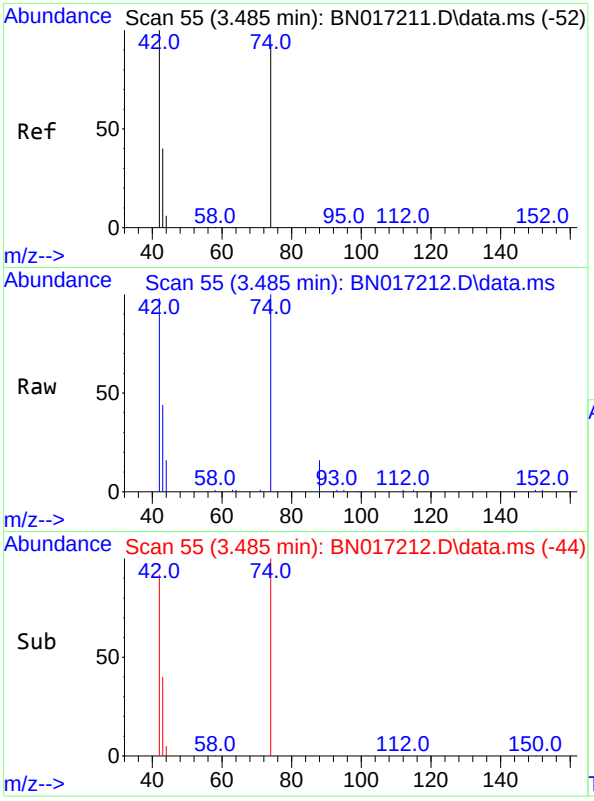


#2
1,4-Dioxane
Concen: 1.114 ng
RT: 3.162 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion: 88 Resp: 20163

Ion	Ratio	Lower	Upper
88	100		
43	53.6	72.9	109.3#
58	85.4	68.6	103.0



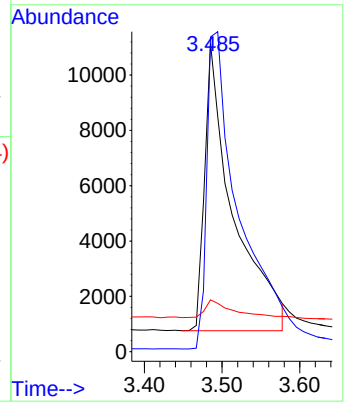


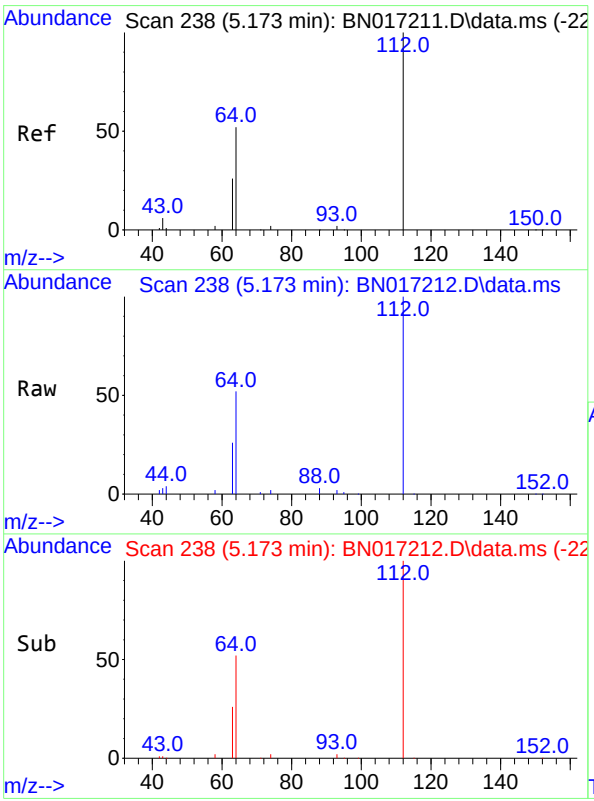
#3
n-Nitrosodimethylamine
Concen: 0.888 ng
RT: 3.485 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 26451

Ion	Ratio	Lower	Upper
42	100		
74	124.5	100.6	150.8
44	5.8	4.6	6.8

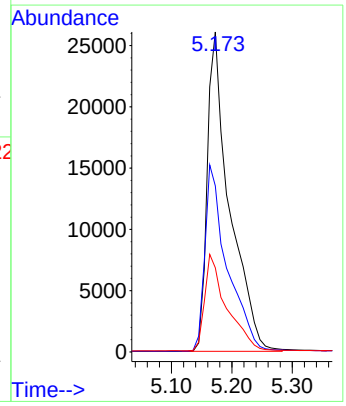


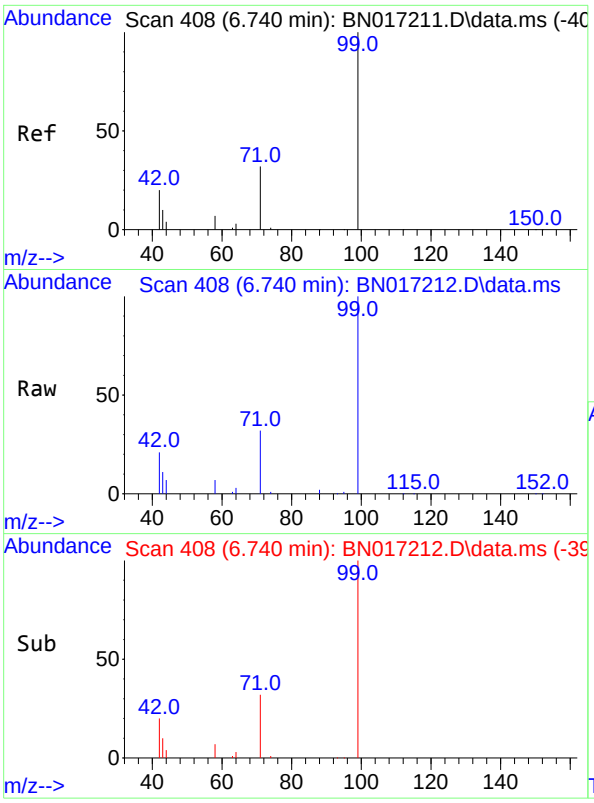


#4
2-Fluorophenol
Concen: 0.877 ng
RT: 5.173 min Scan# 238
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:112 Resp: 66813

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.1	70.7
63	29.8	23.9	35.9



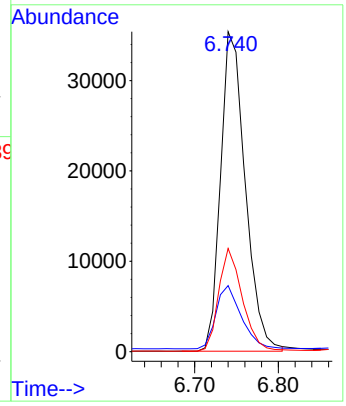


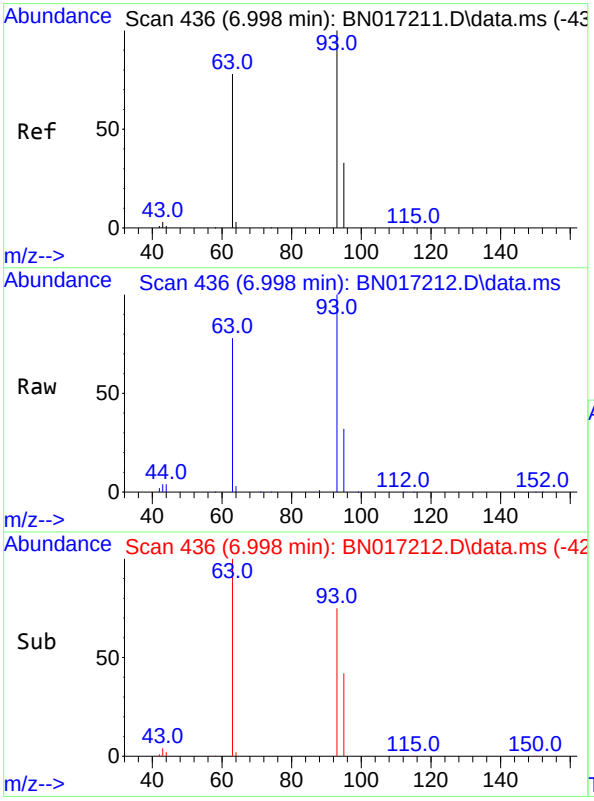
#5
Phenol-d6
Concen: 0.857 ng
RT: 6.740 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 72396

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	30.8	24.7	37.1

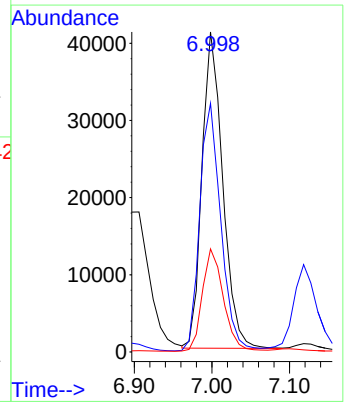


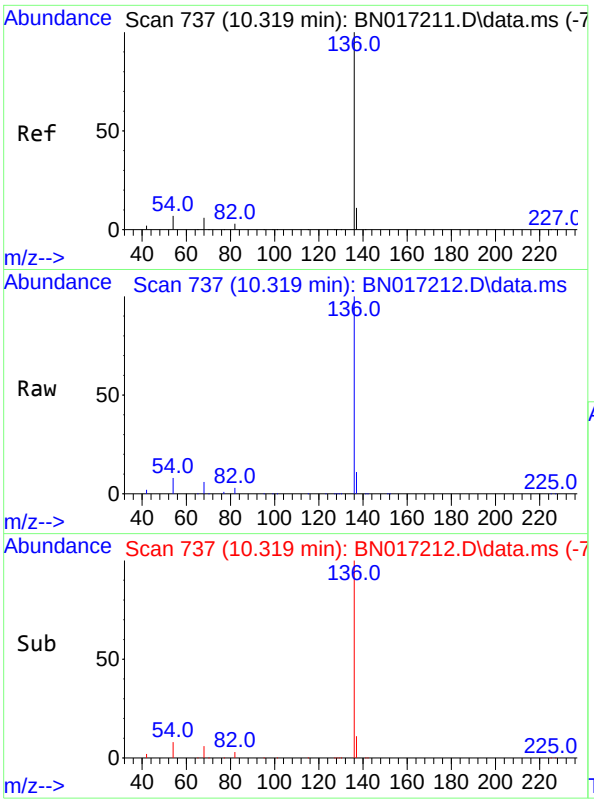


#6
bis(2-Chloroethyl)ether
Concen: 0.850 ng
RT: 6.998 min Scan# 436
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion: 93 Resp: 76023

Ion	Ratio	Lower	Upper
93	100		
63	79.5	64.5	96.7
95	32.9	26.5	39.7



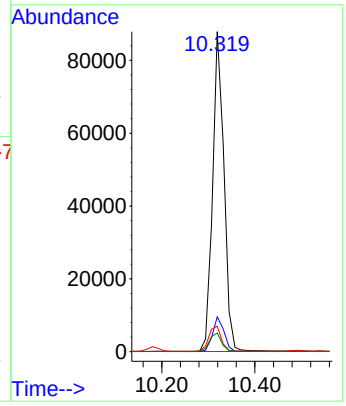


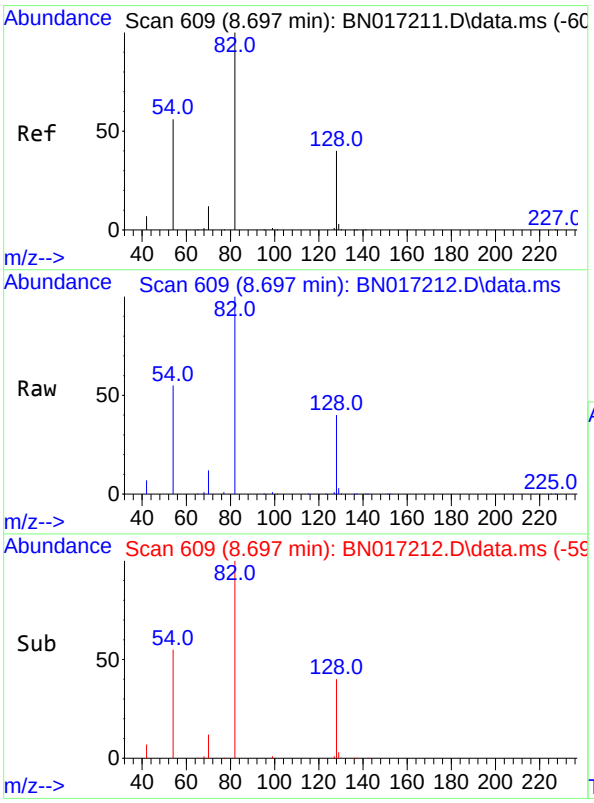
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 149689

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	6.1	9.1
68	5.9	4.6	6.8

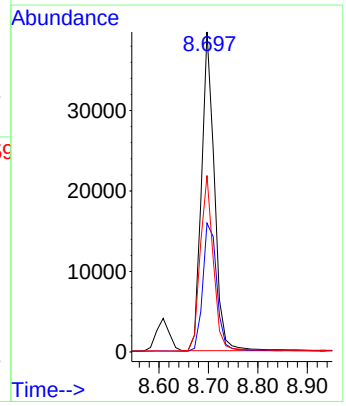


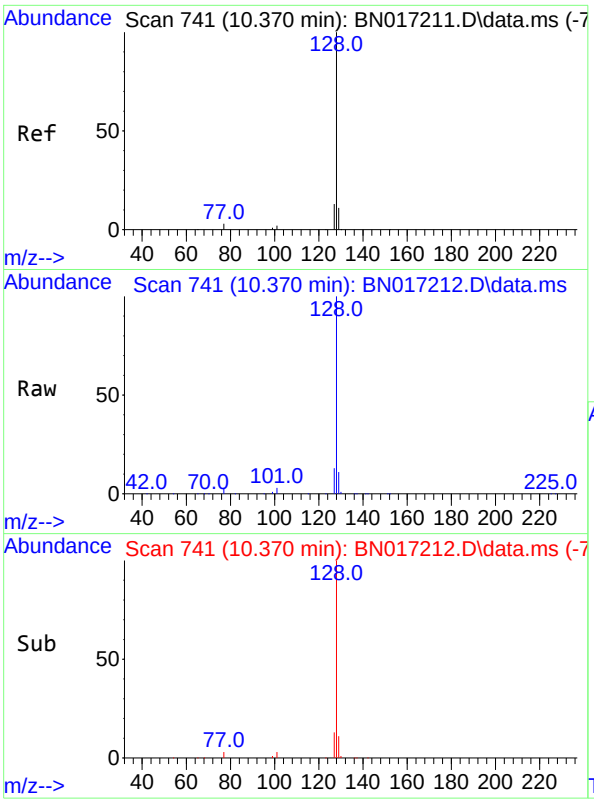


#8
Nitrobenzene-d5
Concen: 0.824 ng
RT: 8.697 min Scan# 609
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion: 82 Resp: 71896

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.0	48.0
54	55.2	45.0	67.4



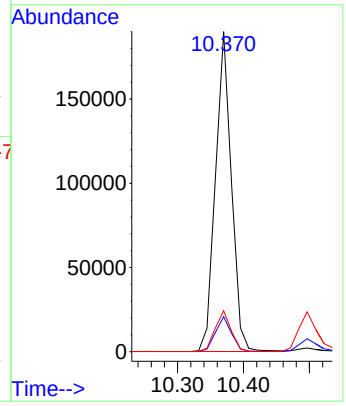


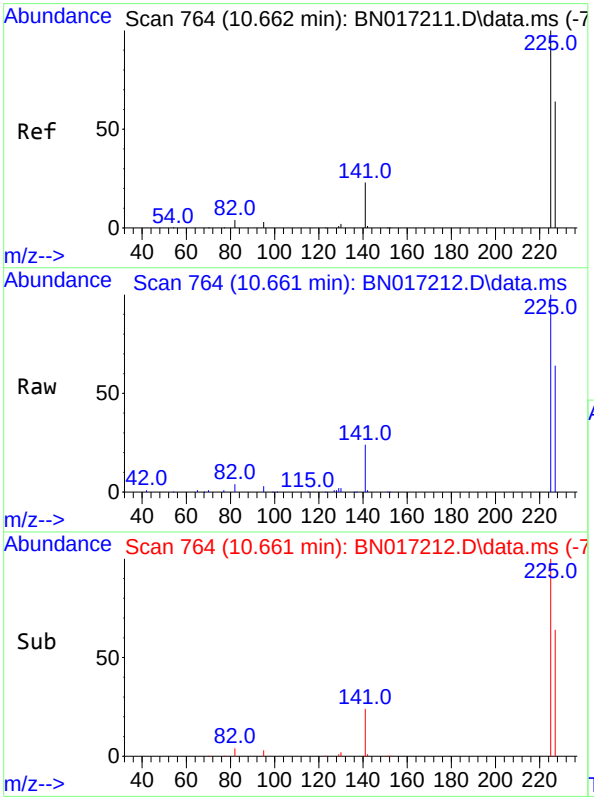
#9
Naphthalene
Concen: 0.815 ng
RT: 10.370 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 318339

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.3	15.5

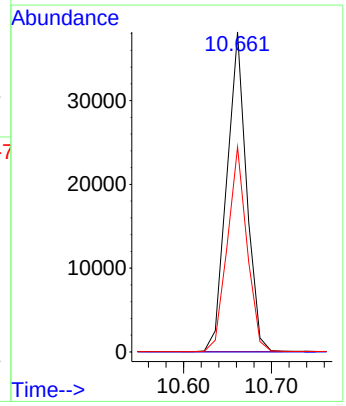


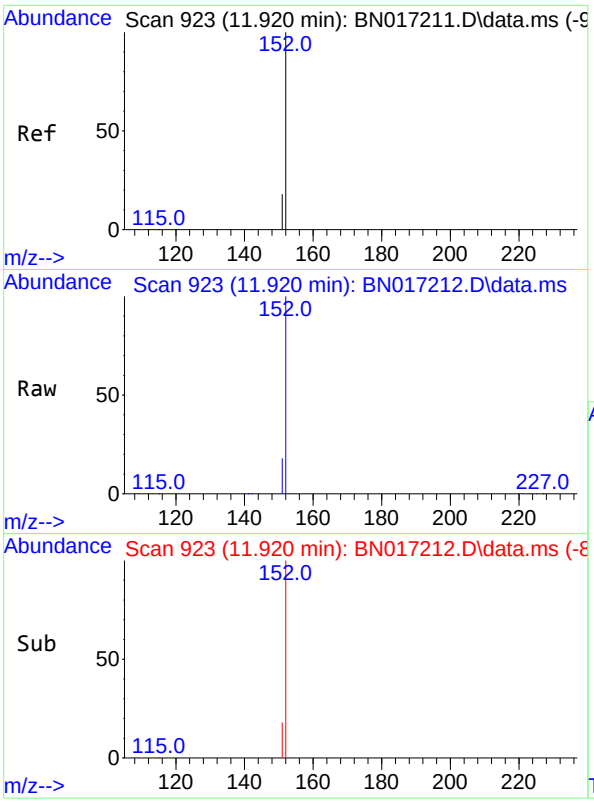


#10
Hexachlorobutadiene
Concen: 0.827 ng
RT: 10.661 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:225 Resp: 59453

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.6	76.0



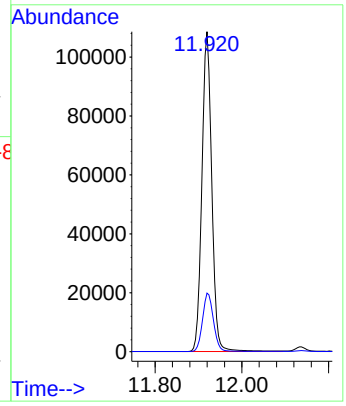


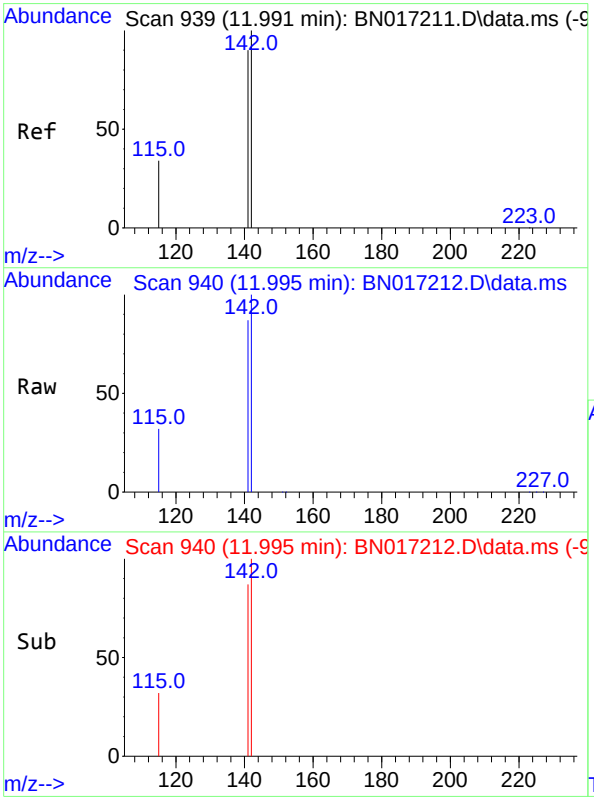
#11
2-Methylnaphthalene-d10
Concen: 0.756 ng
RT: 11.920 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 171483

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

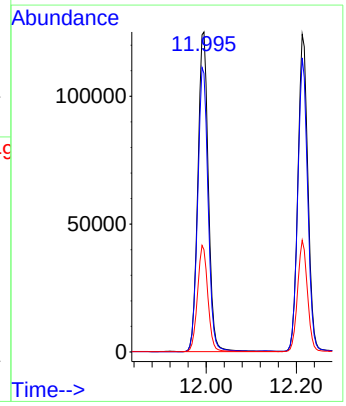


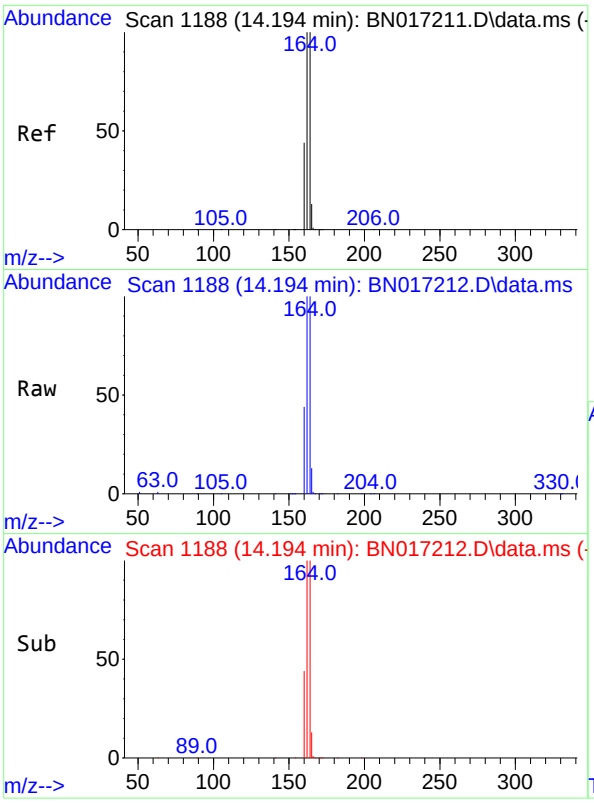


#12
2-Methylnaphthalene
Concen: 0.821 ng
RT: 11.995 min Scan# 940
Delta R.T. 0.004 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:142 Resp: 201665

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.6	107.4
115	32.0	27.0	40.4



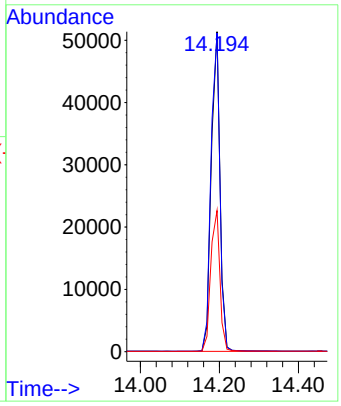


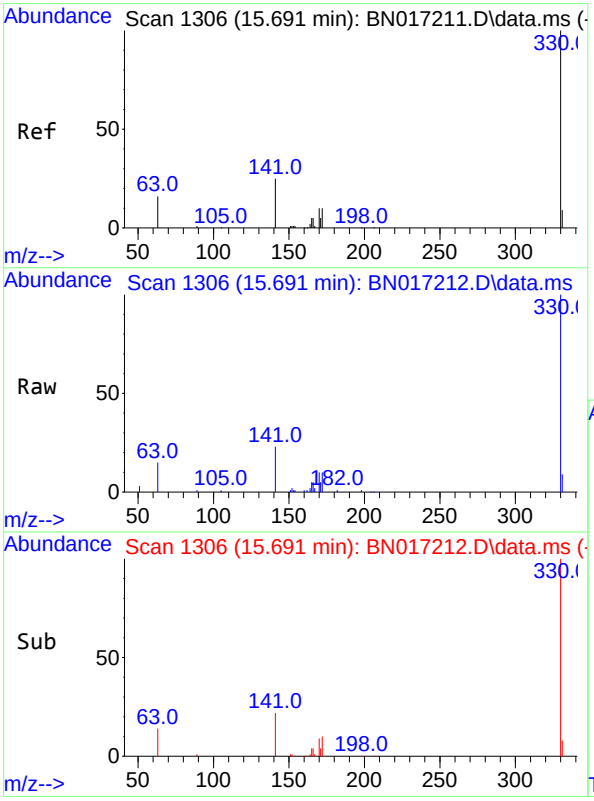
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 78698

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.8	119.8
160	44.1	35.4	53.2

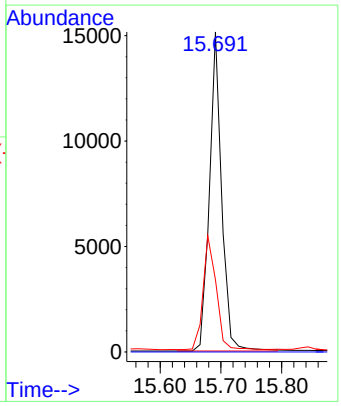


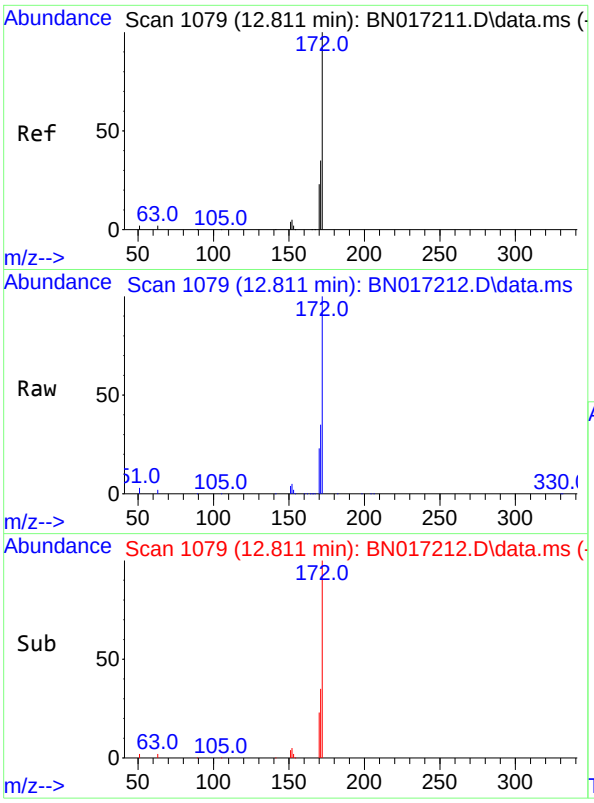


#14
2,4,6-Tribromophenol
Concen: 0.748 ng
RT: 15.691 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:330 Resp: 21189

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.0	31.4	47.2



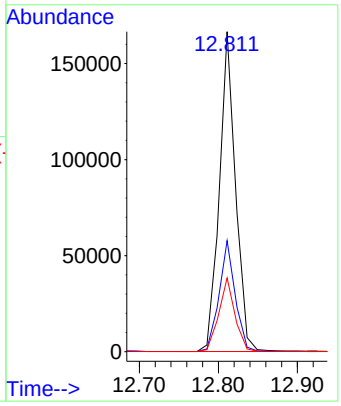


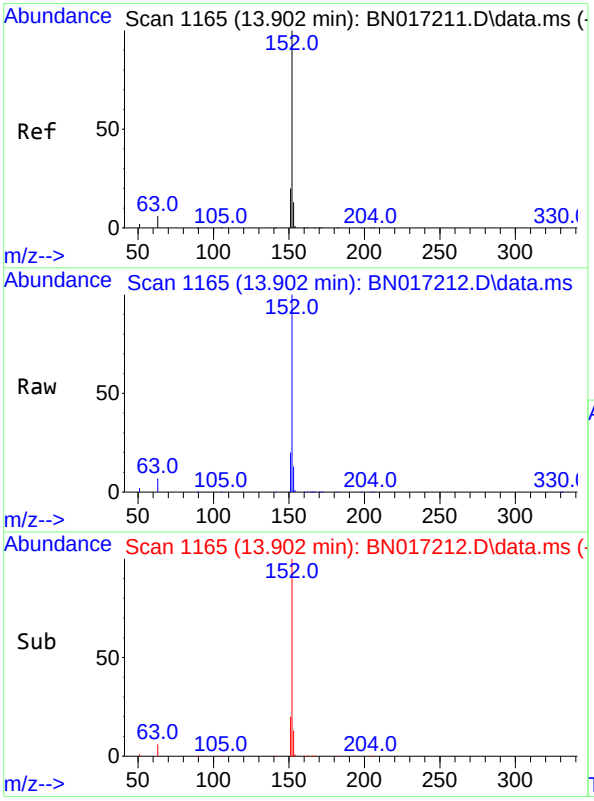
#15
2-Fluorobiphenyl
Concen: 0.806 ng
RT: 12.811 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 237175

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.1	18.4	27.6

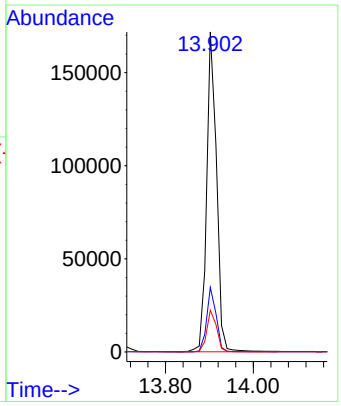


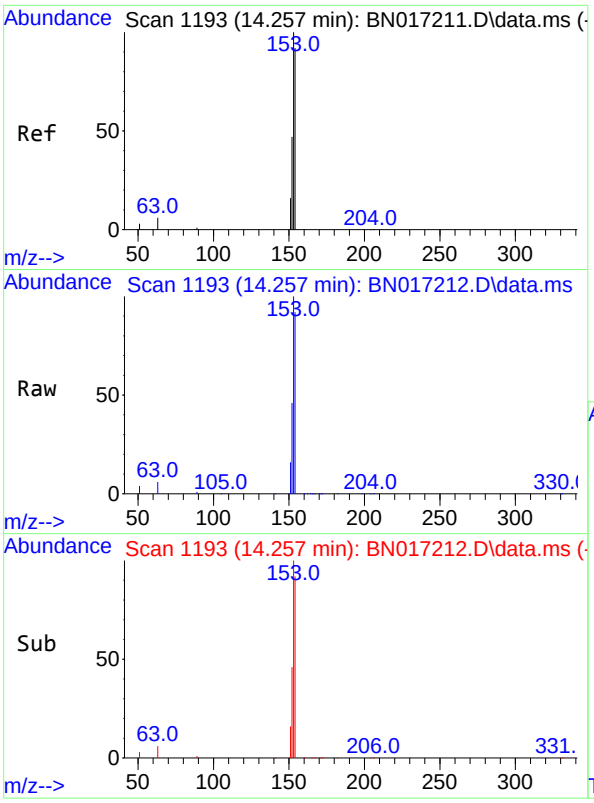


#16
Acenaphthylene
Concen: 0.848 ng
RT: 13.902 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:152 Resp: 267020

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.5	15.7



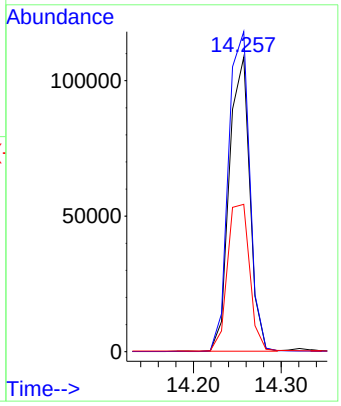


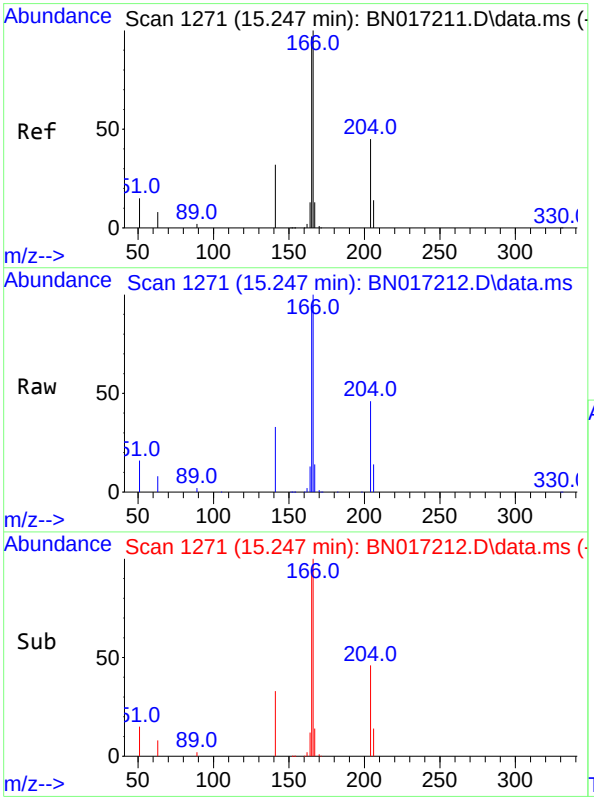
#17
Acenaphthene
Concen: 0.807 ng
RT: 14.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 175196

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.5	135.7
152	54.8	44.1	66.1

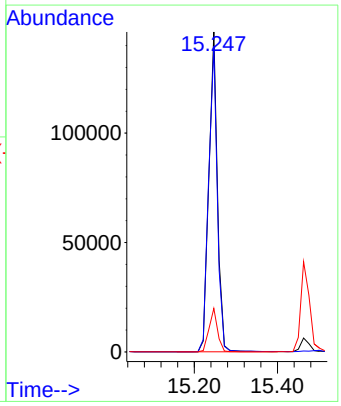


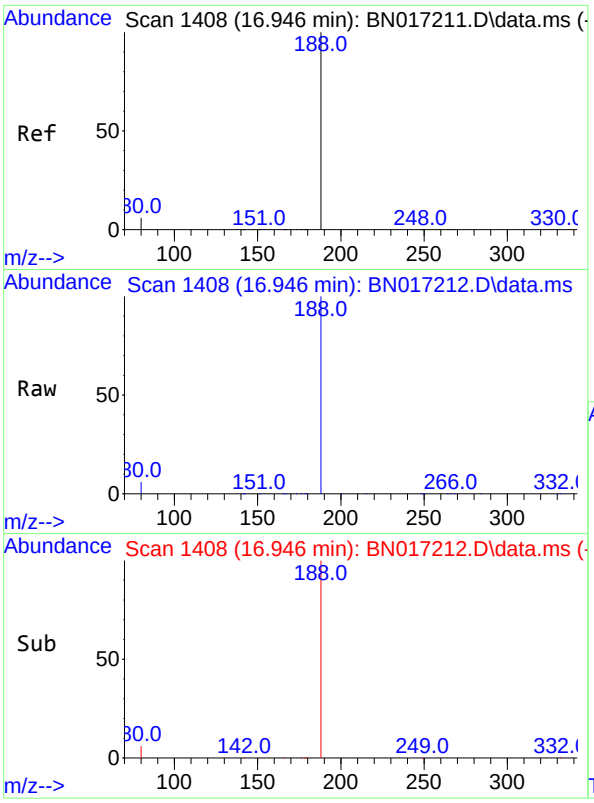


#18
Fluorene
Concen: 0.810 ng
RT: 15.247 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:166 Resp: 208431

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.5	117.7
167	13.4	10.7	16.1



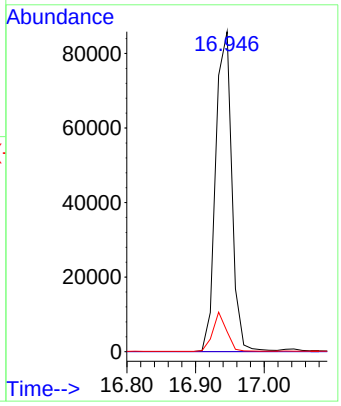


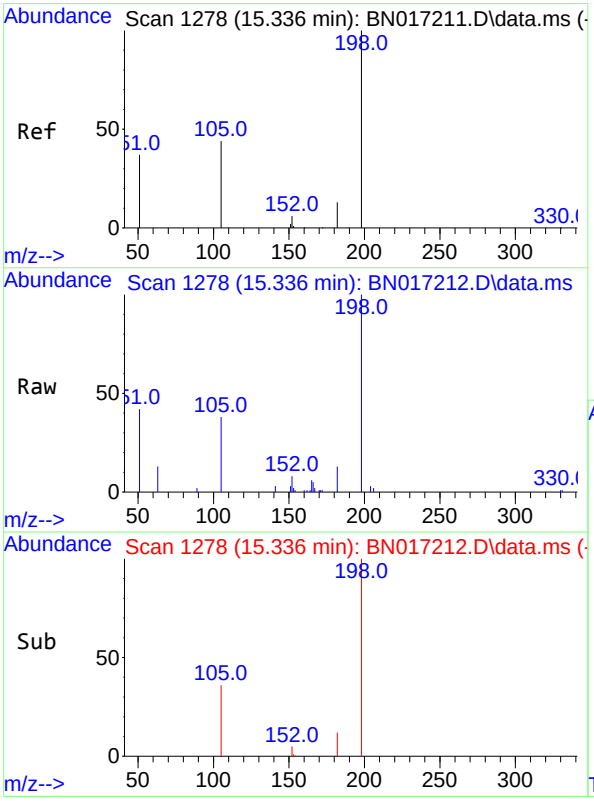
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.946 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 139555

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	5.1	7.7

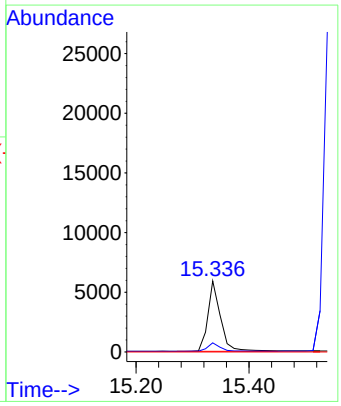


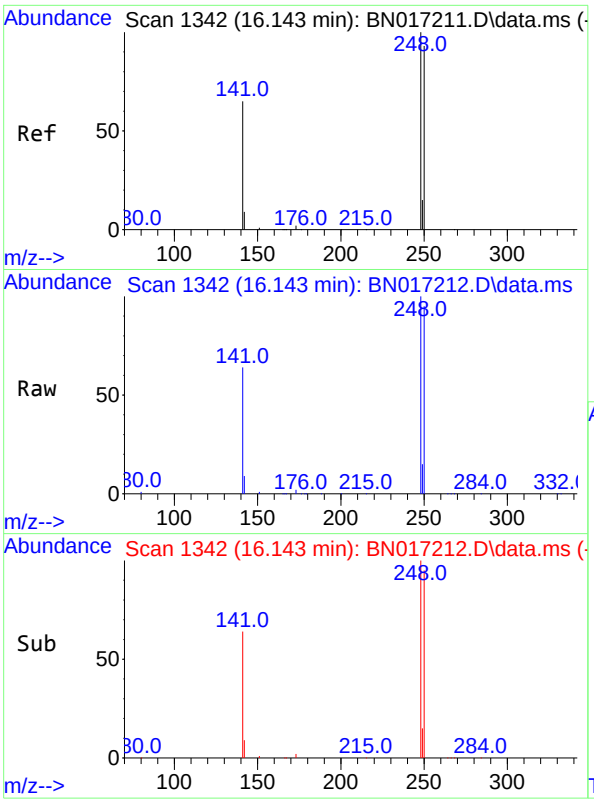


#20
4,6-Dinitro-2-methylphenol
Concen: 0.595 ng
RT: 15.336 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:198 Resp: 9123

Ion	Ratio	Lower	Upper
198	100		
182	12.9	12.6	19.0
77	0.0	0.0	0.0



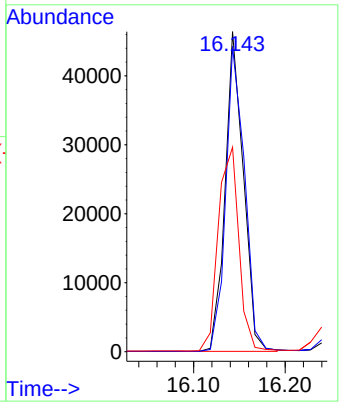


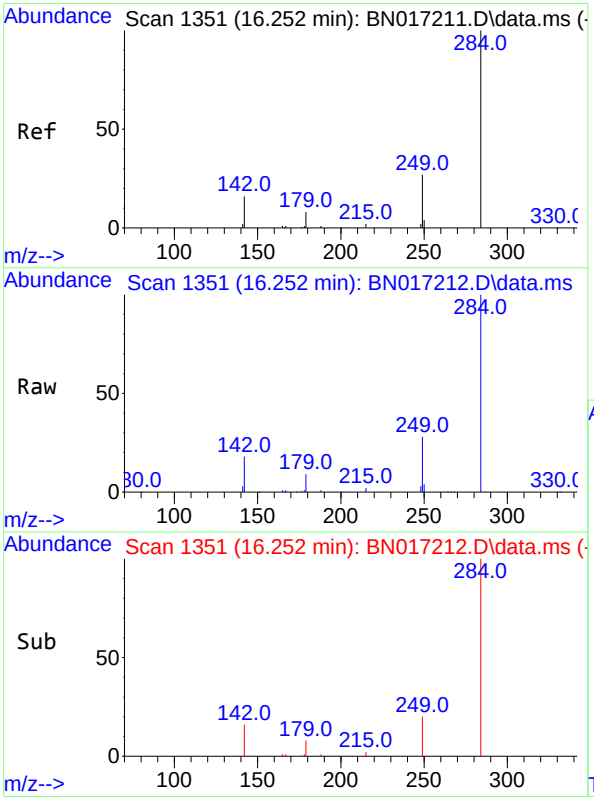
#21
4-Bromophenyl-phenylether
Concen: 0.836 ng
RT: 16.143 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 64228

Ion	Ratio	Lower	Upper
248	100		
250	95.3	74.7	112.1
141	63.9	51.9	77.9

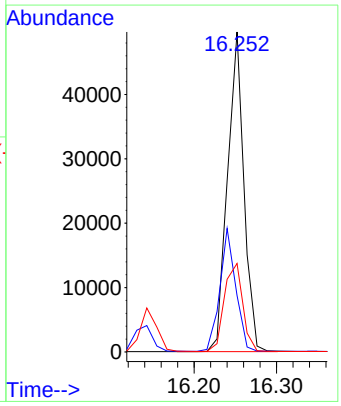


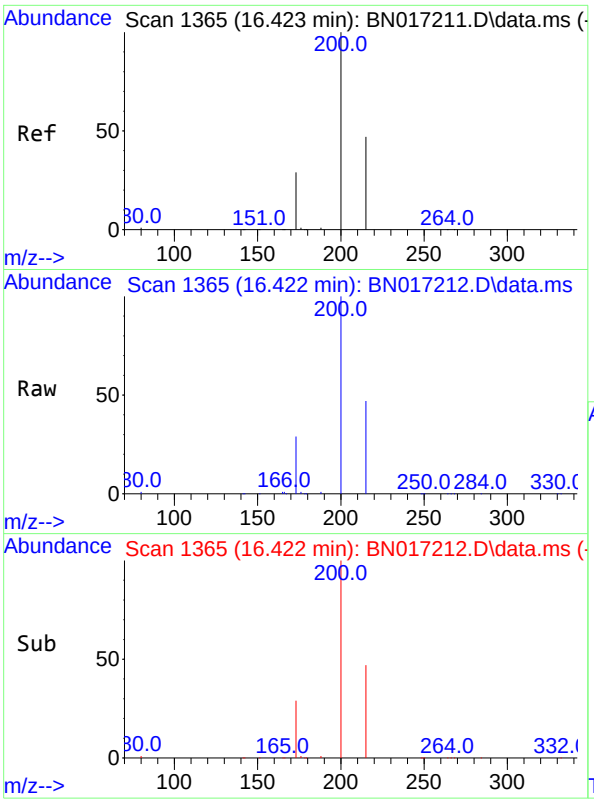


#22
Hexachlorobenzene
Concen: 0.822 ng
RT: 16.252 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:284 Resp: 68837

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.5	44.3
249	30.9	24.7	37.1



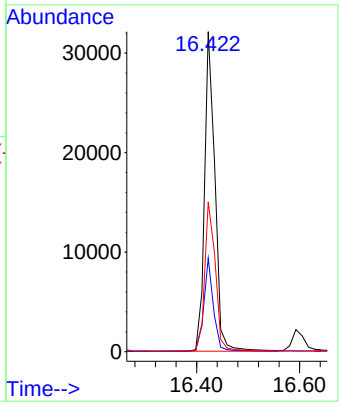


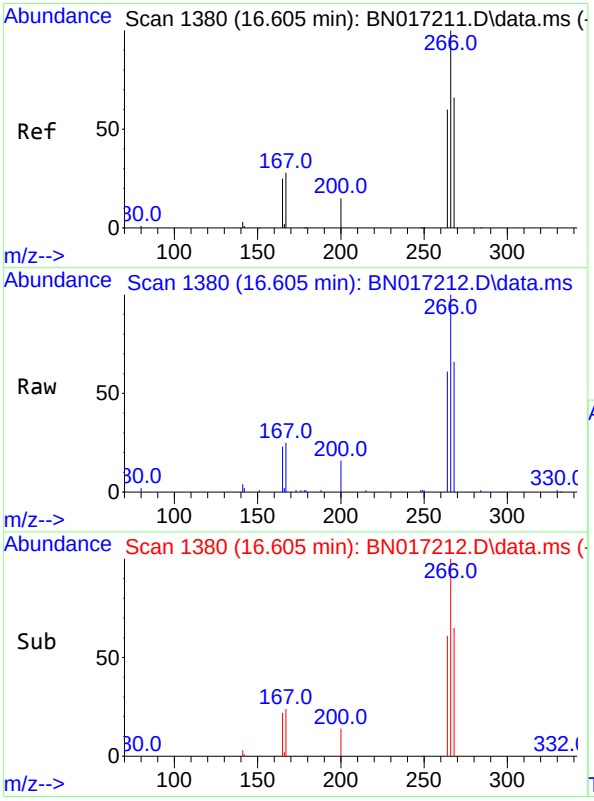
#23
Atrazine
Concen: 0.829 ng
RT: 16.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 44824

Ion	Ratio	Lower	Upper
200	100		
173	29.2	23.3	34.9
215	46.8	37.5	56.3

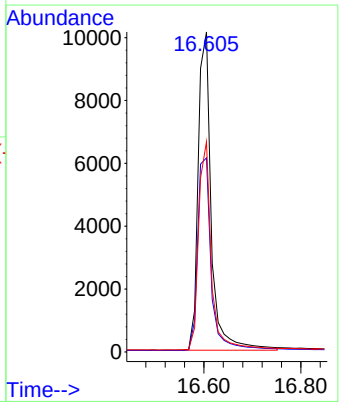


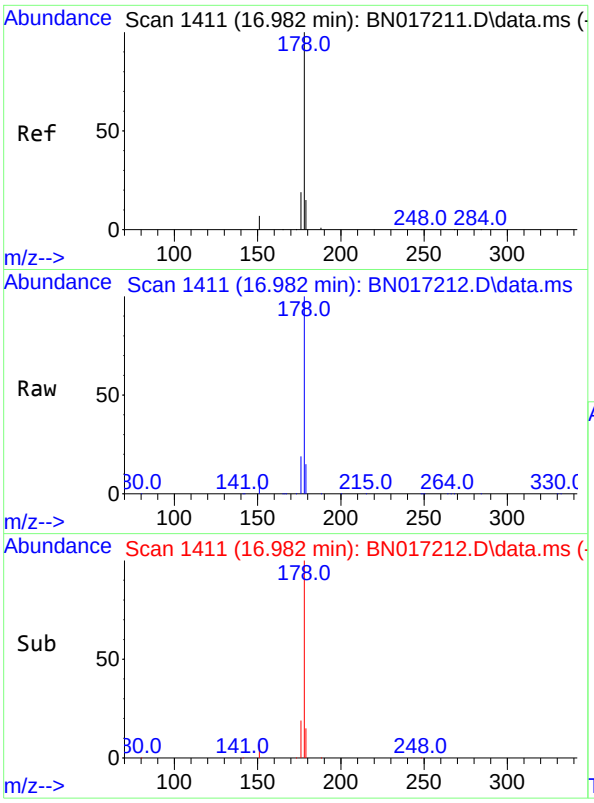


#24
Pentachlorophenol
Concen: 0.621 ng
RT: 16.605 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:266 Resp: 19066

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.6
268	63.8	51.2	76.8



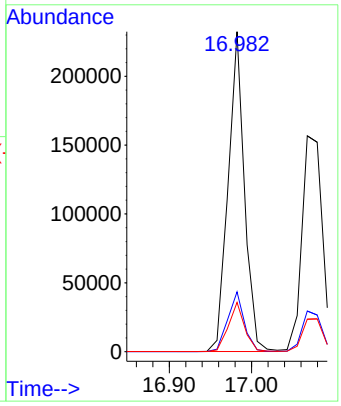


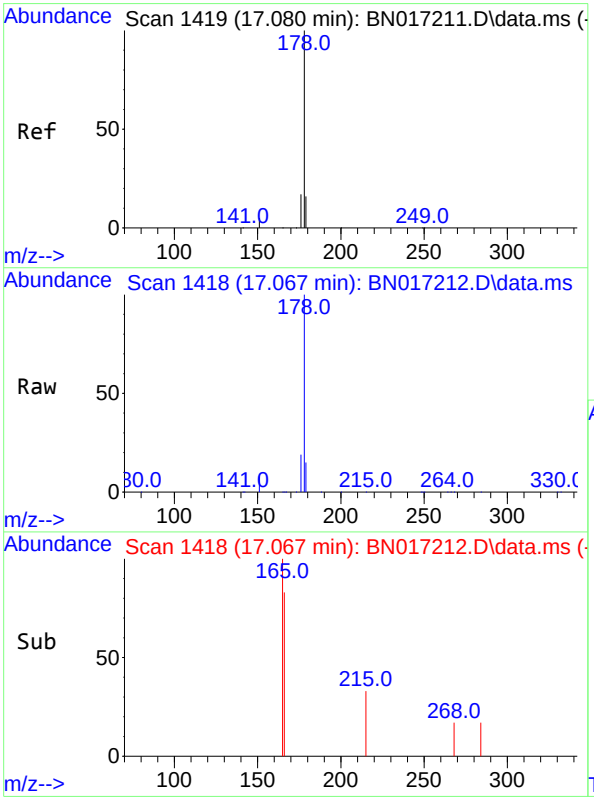
#25
Phenanthrene
Concen: 0.819 ng
RT: 16.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 320020

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.4	12.3	18.5

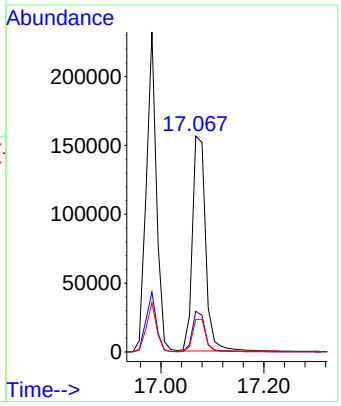


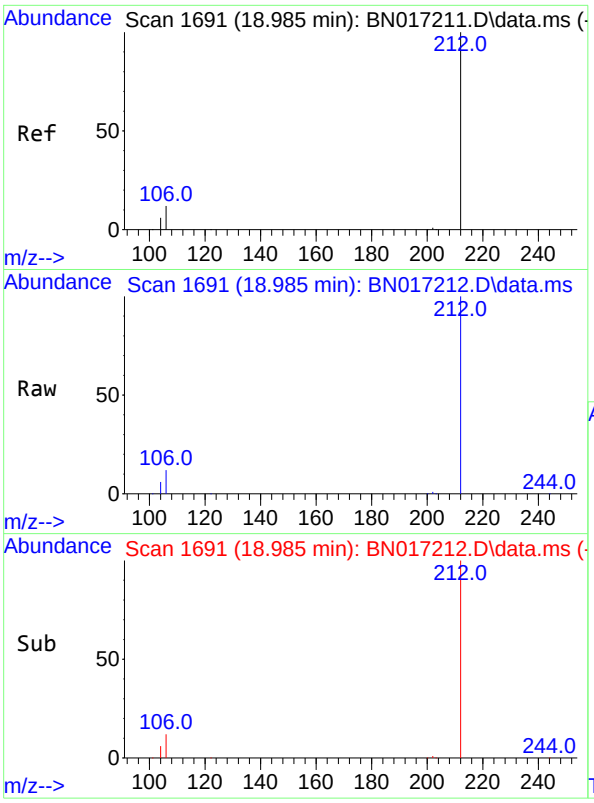


#26
Anthracene
Concen: 0.852 ng
RT: 17.067 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:178 Resp: 278810

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.3	18.5



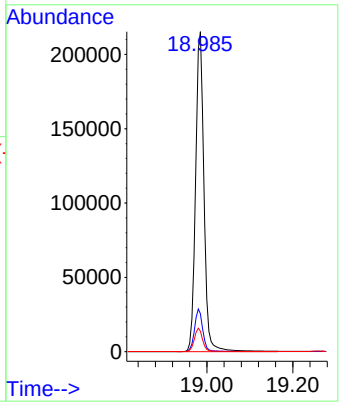


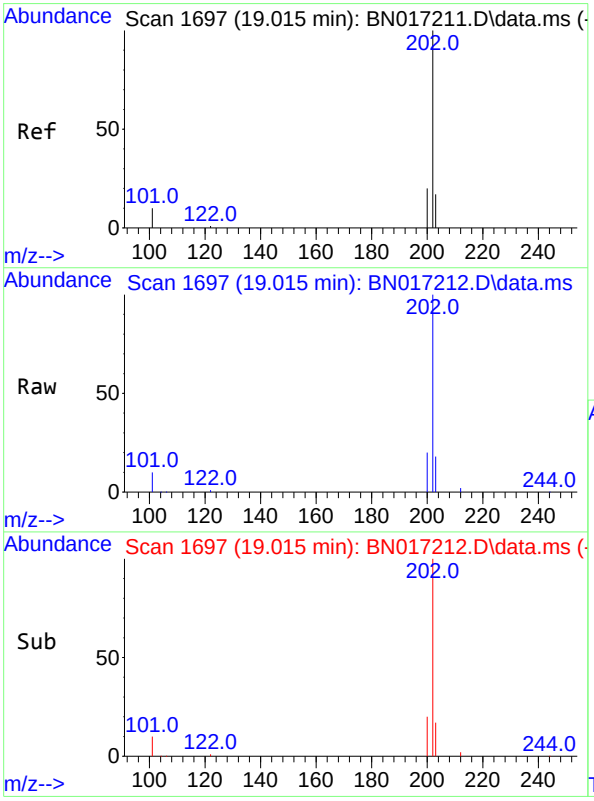
#27
Fluoranthene-d10
Concen: 0.742 ng
RT: 18.985 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 290896

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	15.8
104	7.2	5.8	8.6

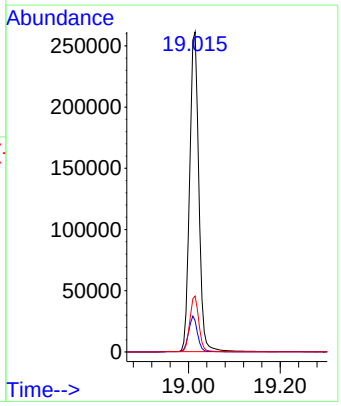


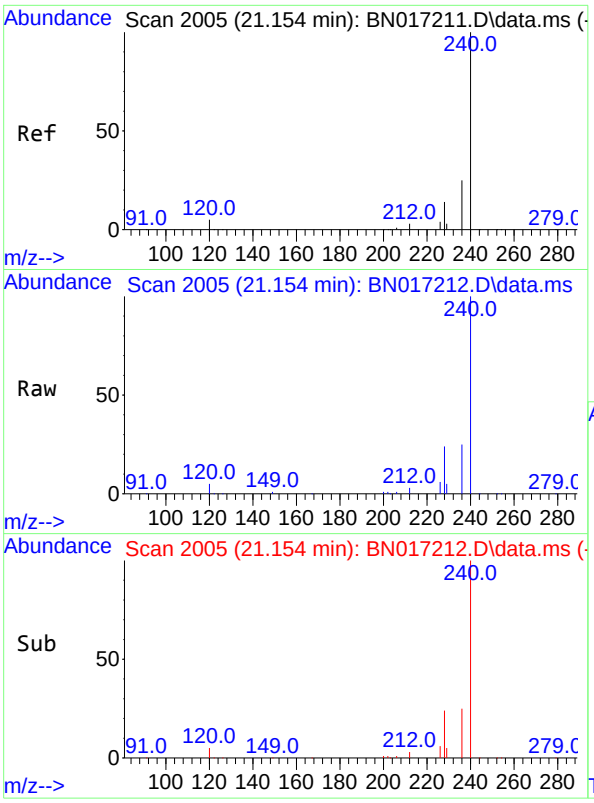


#28
Fluoranthene
Concen: 0.854 ng
RT: 19.015 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:202 Resp: 361736

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.4	13.8	20.6



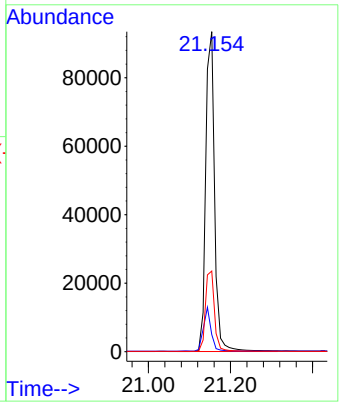


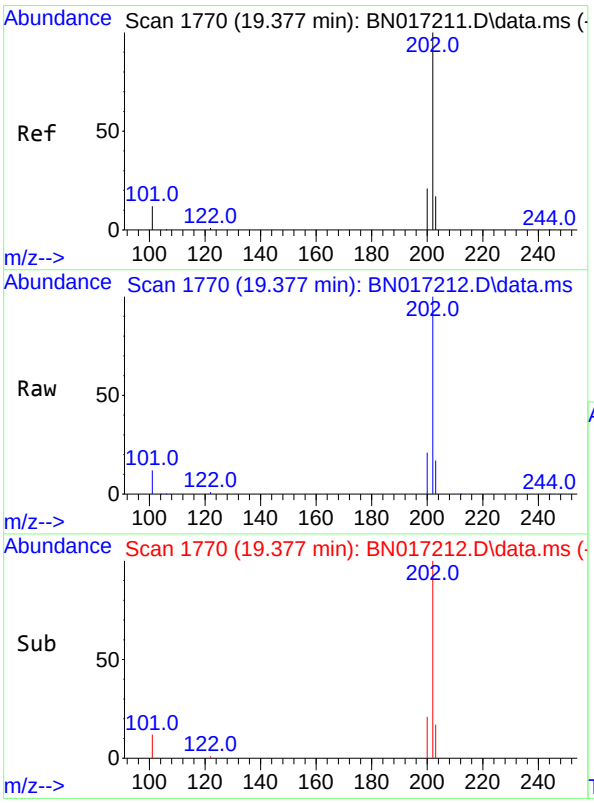
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.154 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 140254

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.4
236	25.2	20.2	30.2

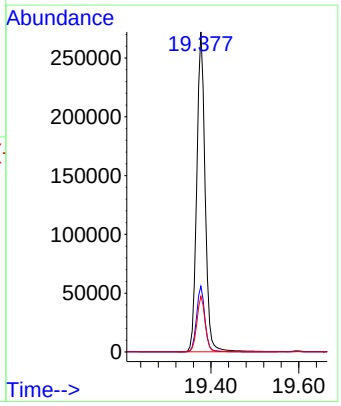


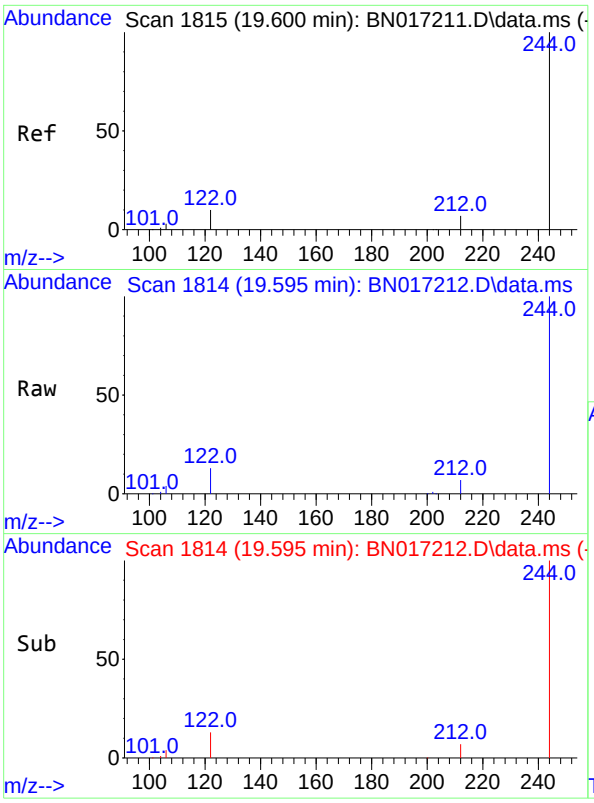


#30
Pyrene
Concen: 0.812 ng
RT: 19.377 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:202 Resp: 358428

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



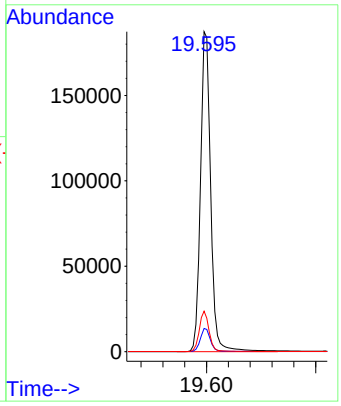


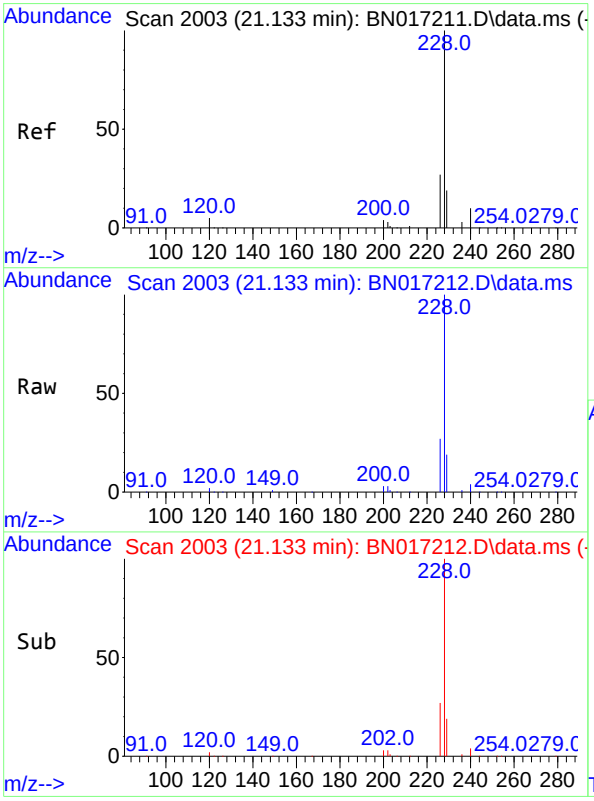
#31
Terphenyl-d14
Concen: 0.810 ng
RT: 19.595 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 243916

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	12.7	8.3	12.5#

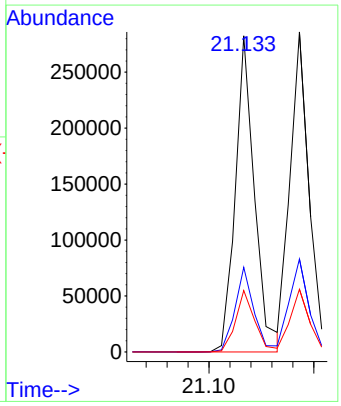


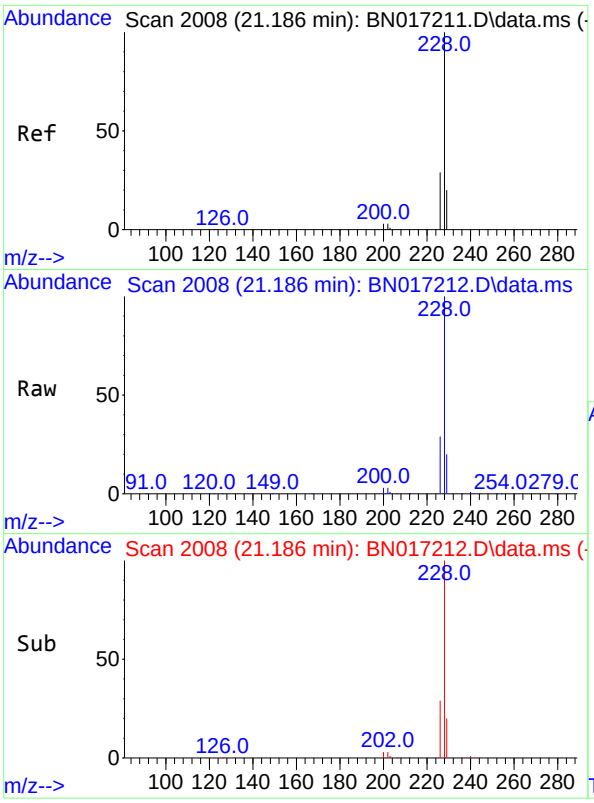


#32
Benzo(a)anthracene
Concen: 0.845 ng
RT: 21.133 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:228 Resp: 358328

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.6	32.4
229	19.5	15.5	23.3



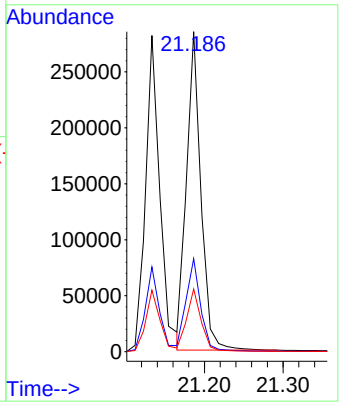


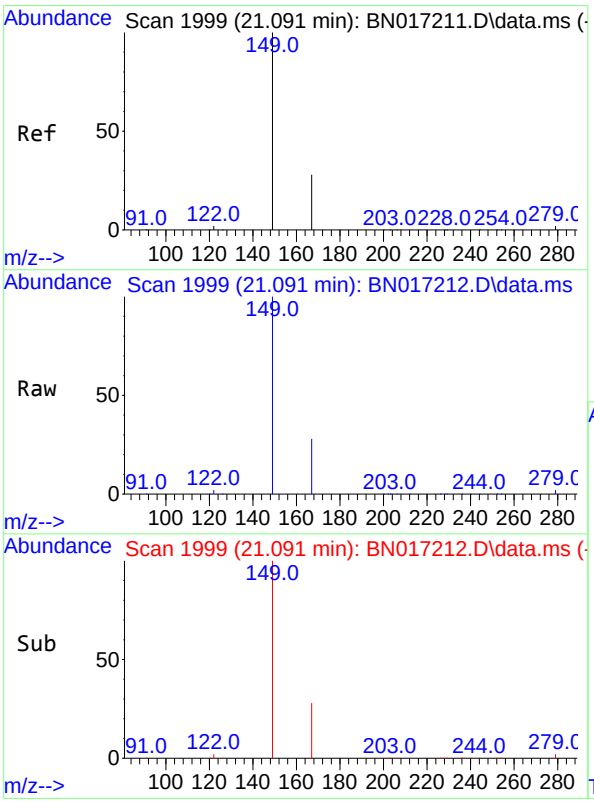
#33
Chrysene
Concen: 0.810 ng
RT: 21.186 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 361230

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	19.6	15.6	23.4

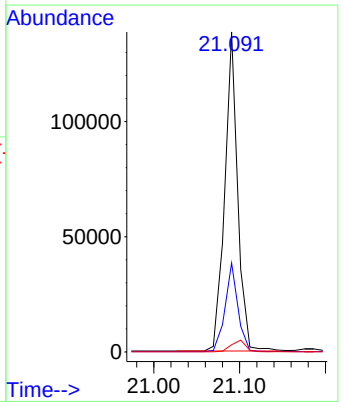


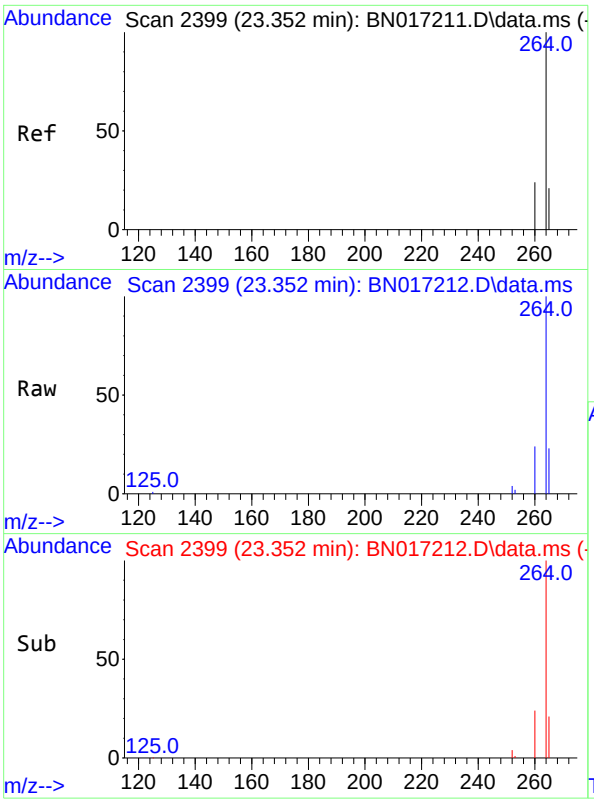


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.809 ng
RT: 21.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:149 Resp: 144688

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.0	3.1	4.7



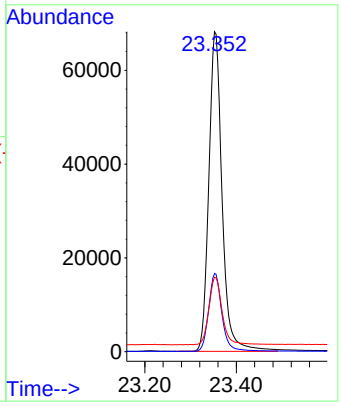


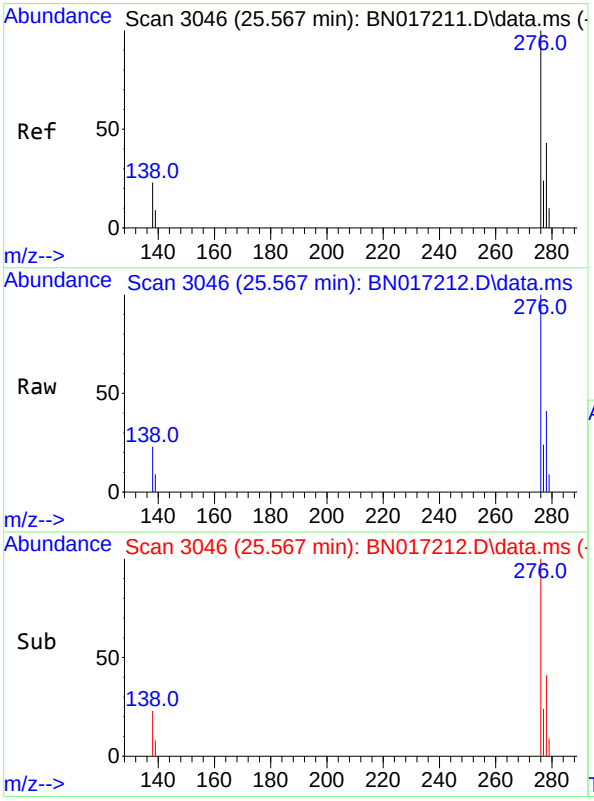
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.352 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 136847

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	23.3	18.8	28.2

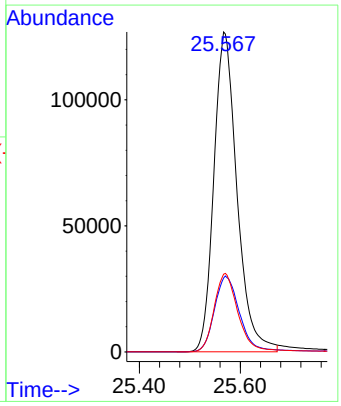


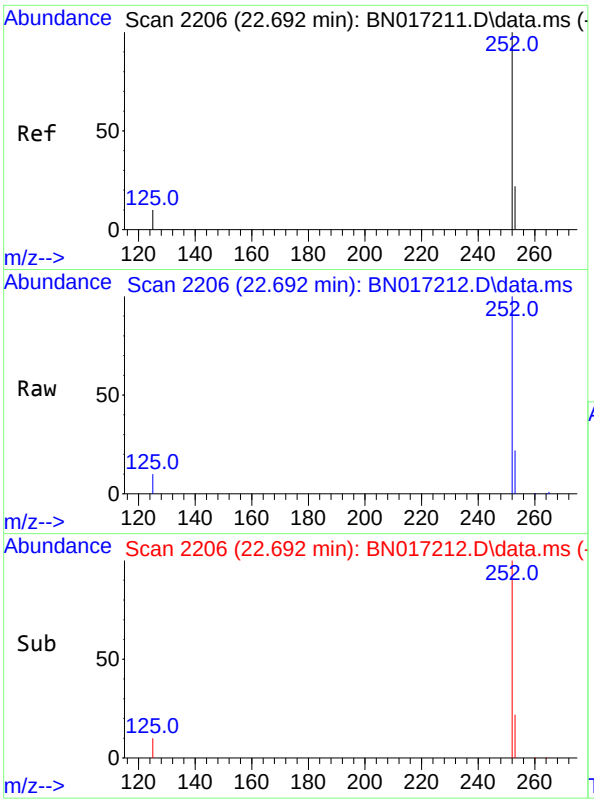


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.812 ng
RT: 25.567 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:276 Resp: 403442

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.2	30.4
277	25.0	20.0	30.0



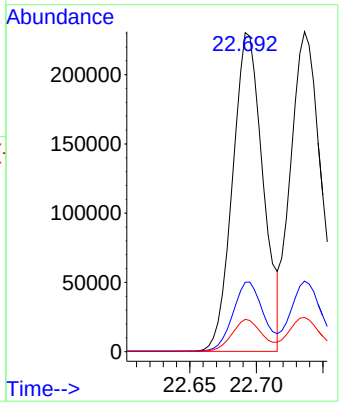


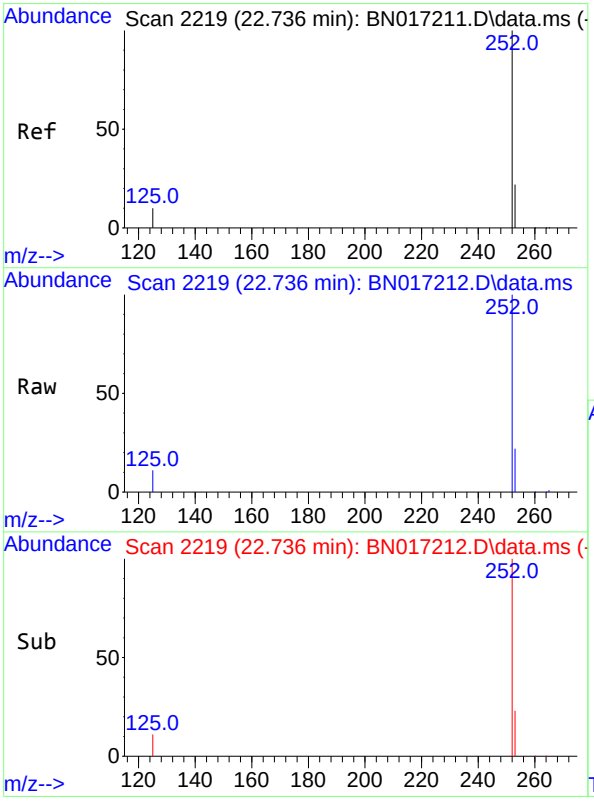
#37
Benzo(b)fluoranthene
Concen: 0.855 ng
RT: 22.692 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 365246

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.1	8.2	12.4

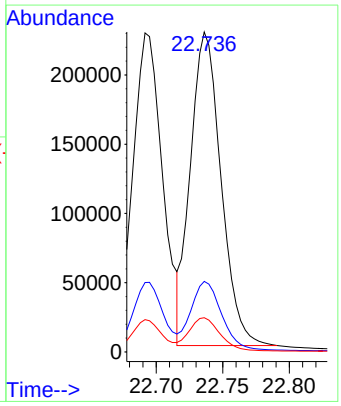


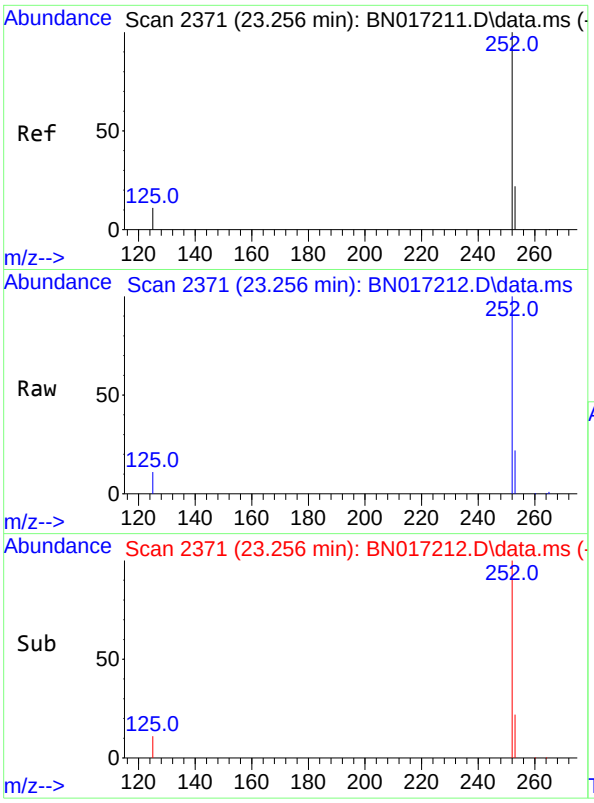


#38
Benzo(k)fluoranthene
Concen: 0.851 ng
RT: 22.736 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:252 Resp: 361289

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.7	8.5	12.7



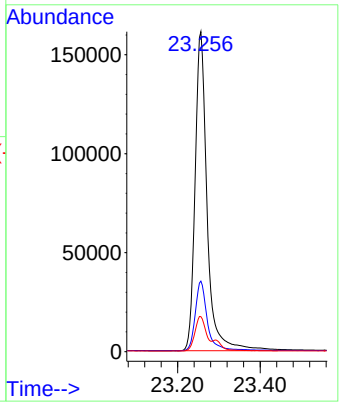


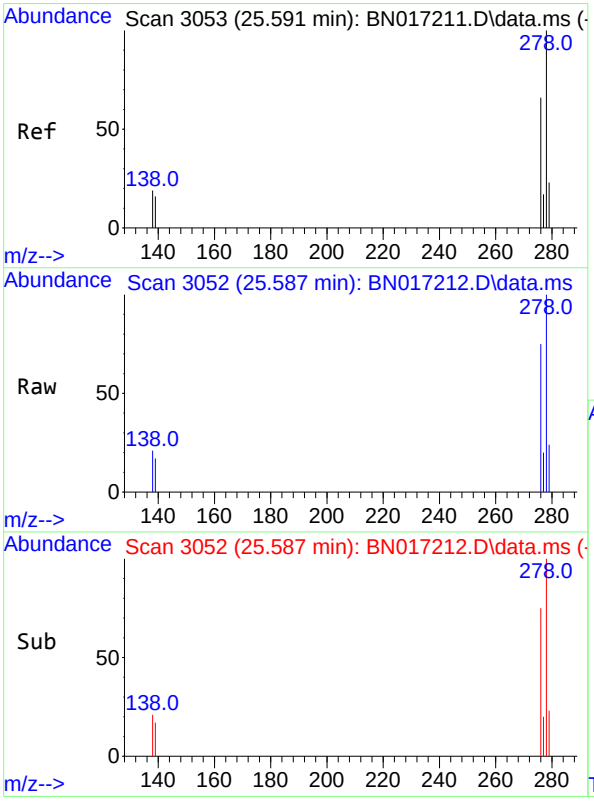
#39
Benzo(a)pyrene
Concen: 0.846 ng
RT: 23.256 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 326816

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.0	9.0	13.6

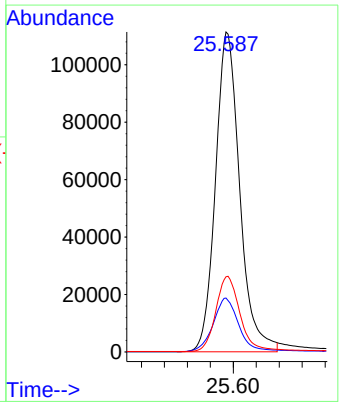


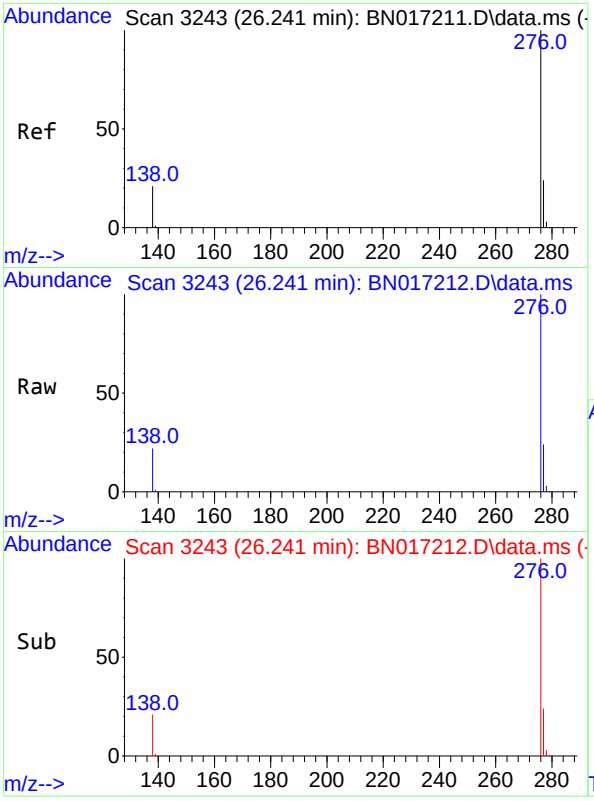


#40
Dibenzo(a,h)anthracene
Concen: 0.809 ng
RT: 25.587 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Tgt Ion:278 Resp: 326405

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.9	19.3
279	23.5	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.802 ng
RT: 26.241 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN017212.D
Acq: 01 Nov 2021 14:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 349067

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.5	17.2	25.8