Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
Data File : BN016893.D
Acq On : 11 Oct 2021 22:10
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Quant Time: Oct 12 02:35:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 12 02:31:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	21079	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	94894	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	50812	0.400	ng		0.00
19) Phenanthrene-d10	17.042	188	94649	0.400	ng		0.00
29) Chrysene-d12	21.228	240	93905	0.400	ng		#-0.01
35) Perylene-d12	23.471	264	96651	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	19778	0.366	ng		0.00
5) Phenol-d6	6.868	99	22121	0.365	ng		0.00
8) Nitrobenzene-d5	8.823	82	23506	0.367	ng		-0.01
11) 2-Methylnaphthalene-d10	12.038	152	52038	0.379	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	8035	0.326	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	73945	0.380	ng		0.00
27) Fluoranthene-d10	19.073	212	91834	0.370	ng		0.00
31) Terphenyl-d14	19.679	244	78949	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	6138	0.389	ng		97
3) n-Nitrosodimethylamine	3.604	42	6441	0.374	ng		97
6) bis(2-Chloroethyl)ether	7.126	93	22826	0.386	ng		99
9) Naphthalene	10.495	128	96919	0.375	ng		100
10) Hexachlorobutadiene	10.787	225	18774	0.387	ng	#	99
12) 2-Methylnaphthalene	12.114	142	62377	0.386	ng		99
16) Acenaphthylene	14.015	152	79866	0.368	ng		100
17) Acenaphthene	14.358	154	53950	0.375	ng		99
18) Fluorene	15.347	166	64735	0.372	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	3836	0.359	ng		99
21) 4-Bromophenyl-phenylether	16.239	248	21156	0.373	ng		96
22) Hexachlorobenzene	16.348	284	24811	0.384	ng		100
23) Atrazine	16.519	200	14097	0.341	ng		99
24) Pentachlorophenol	16.689	266	6883	0.362	ng		99
25) Phenanthrene	17.078	178	103558	0.381	ng		100
26) Anthracene	17.164	178	88678	0.371	ng		100
28) Fluoranthene	19.103	202	115778	0.387	ng		100
30) Pyrene	19.465	202	114746	0.373	ng		100
32) Benzo(a)anthracene	21.217	228	111839	0.372	ng		99
33) Chrysene	21.270	228	119173	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.164	149	48217	0.292	ng		100
36) Indeno(1,2,3-cd)pyrene	25.740	276	143855	0.380	ng		100
37) Benzo(b)fluoranthene	22.800	252	123256	0.381	ng		100
38) Benzo(k)fluoranthene	22.841	252	121138	0.380	ng		100
39) Benzo(a)pyrene	23.372	252	110762	0.377	ng		100
40) Dibenzo(a,h)anthracene	25.764	278	117414	0.380	ng		99
41) Benzo(g,h,i)perylene	26.439	276	122724	0.377	ng		100

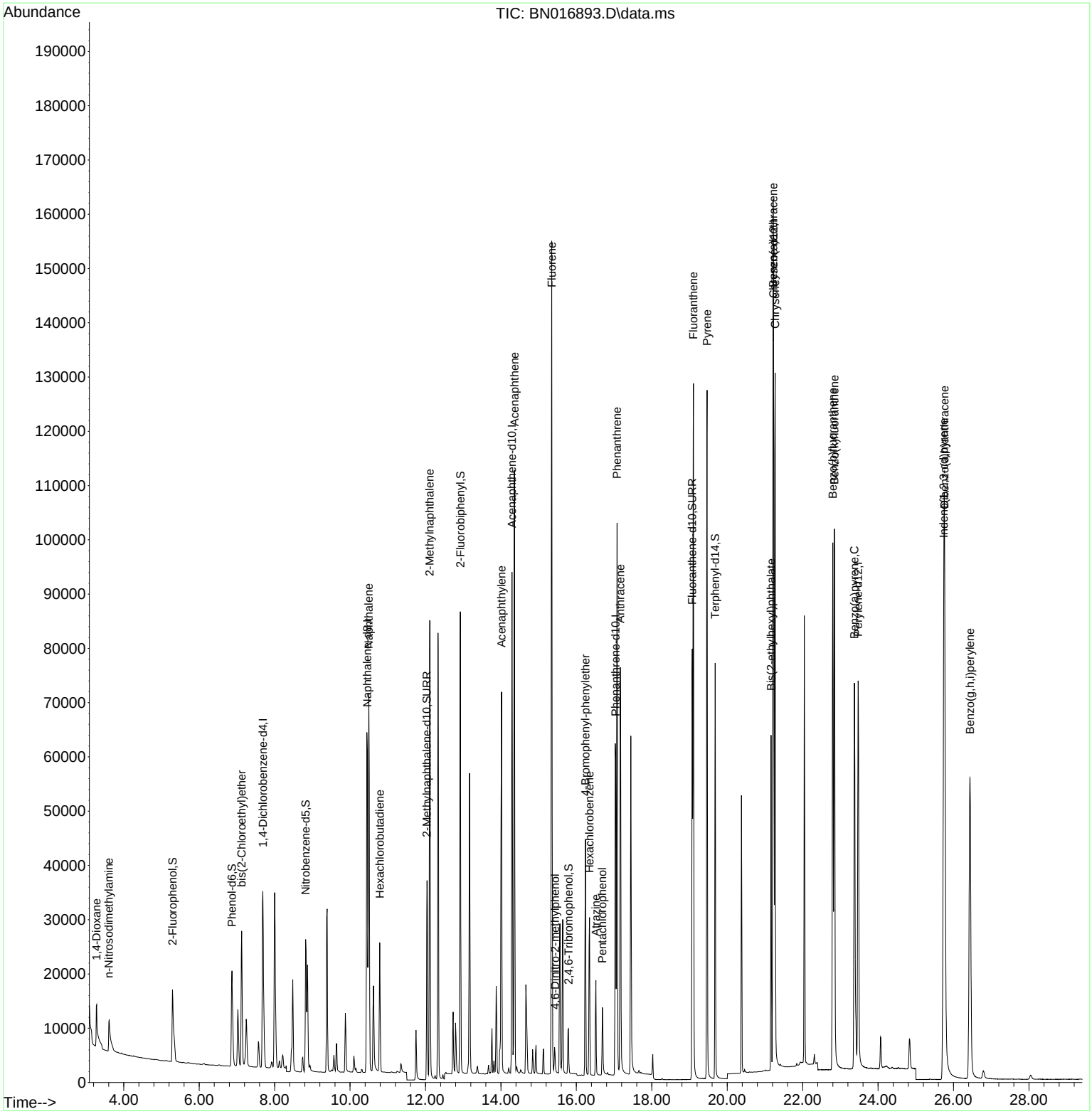
(#) = qualifier out of range (m) = manual integration (+) = signals summed

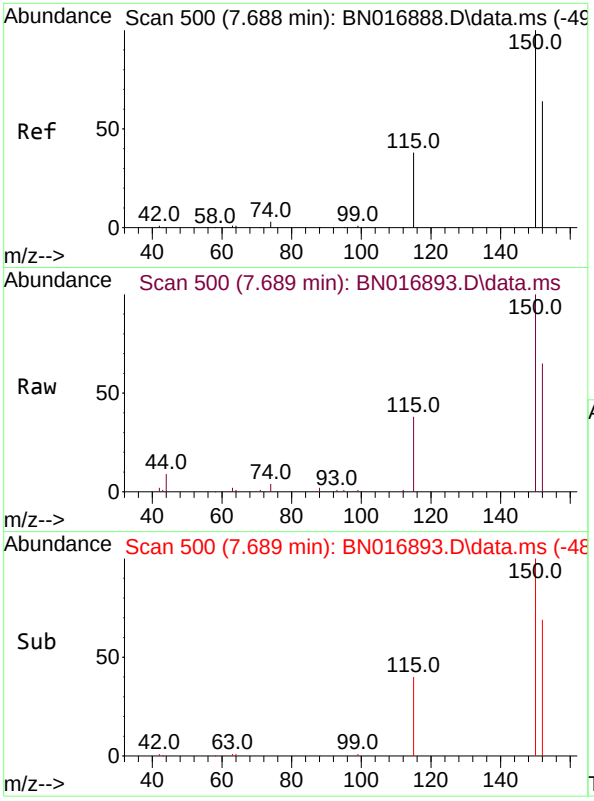
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
Data File : BN016893.D
Acq On : 11 Oct 2021 22:10
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Quant Time: Oct 12 02:35:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 12 02:31:22 2021
Response via : Initial Calibration



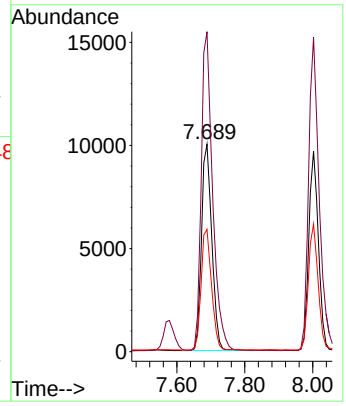


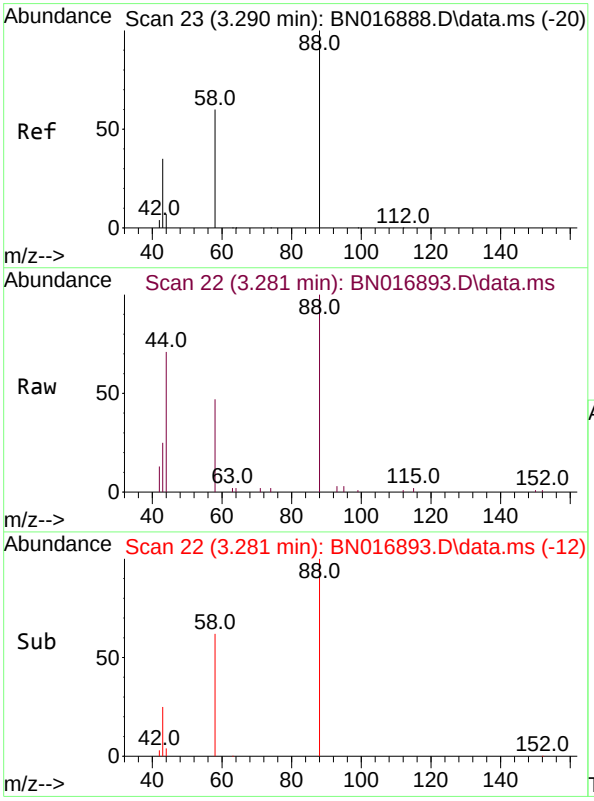
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 5(
Delta R.T. 0.001 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:152 Resp: 21079

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.4
115	58.9	47.0	70.6

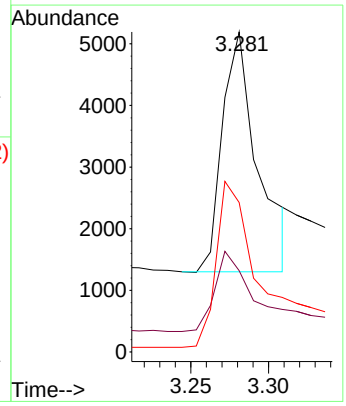


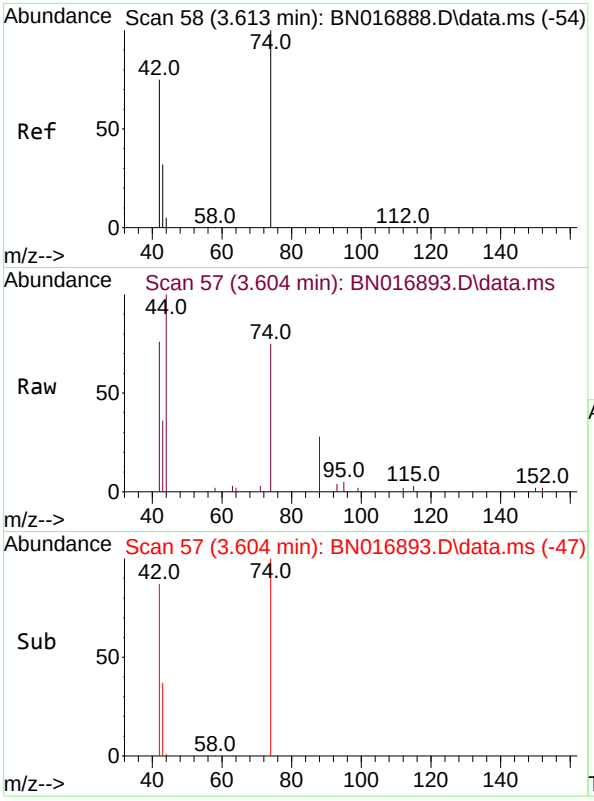


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.281 min Scan# 22
Delta R.T. -0.009 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion: 88 Resp: 6138

Ion	Ratio	Lower	Upper
88	100		
43	36.1	32.0	48.0
58	76.5	60.6	90.8



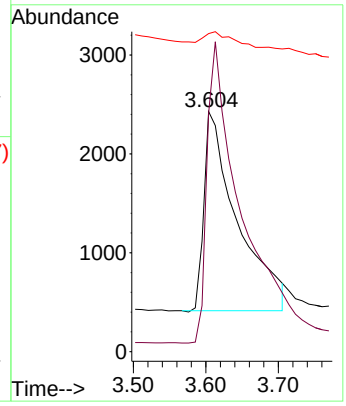


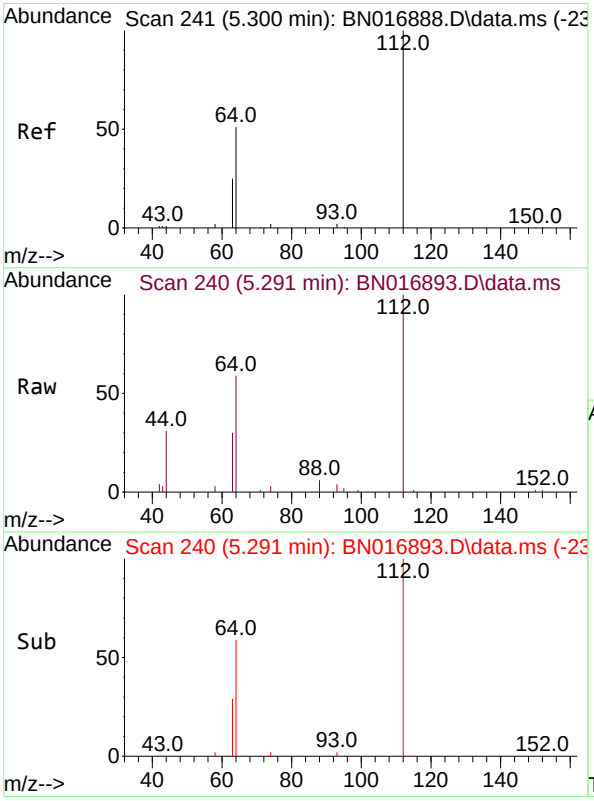
#3
n-Nitrosodimethylamine
Concen: 0.374 ng
RT: 3.604 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion: 42 Resp: 6441

Ion	Ratio	Lower	Upper
42	100		
74	150.1	117.2	175.8
44	8.0	5.4	8.0

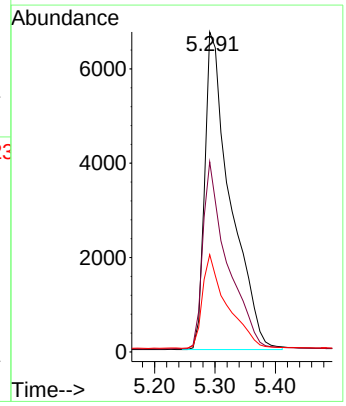


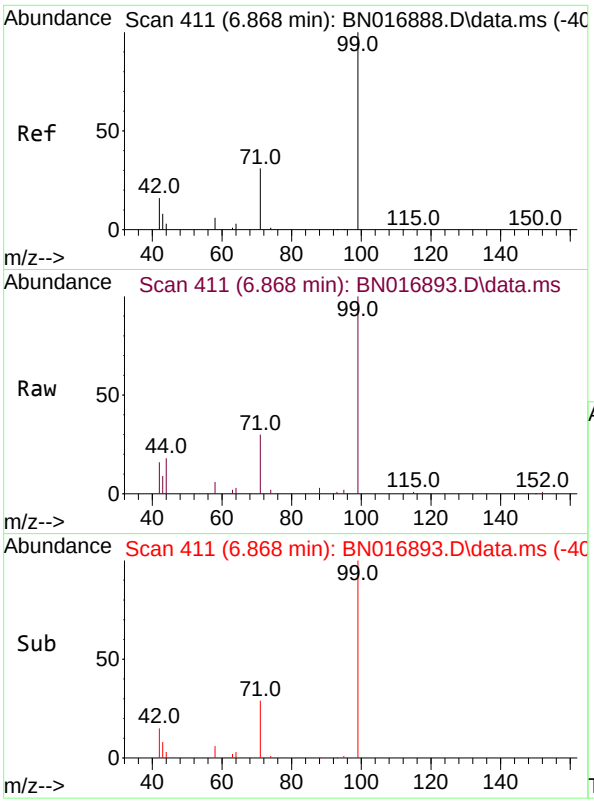


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.291 min Scan# 240
Delta R.T. -0.009 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:112 Resp: 19778

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.5	66.7
63	28.2	22.1	33.1



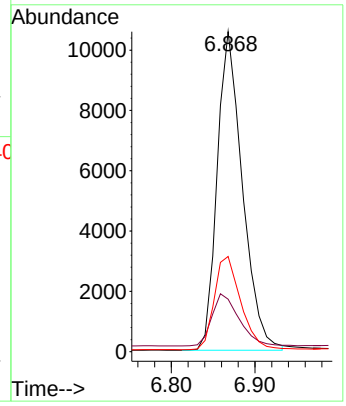


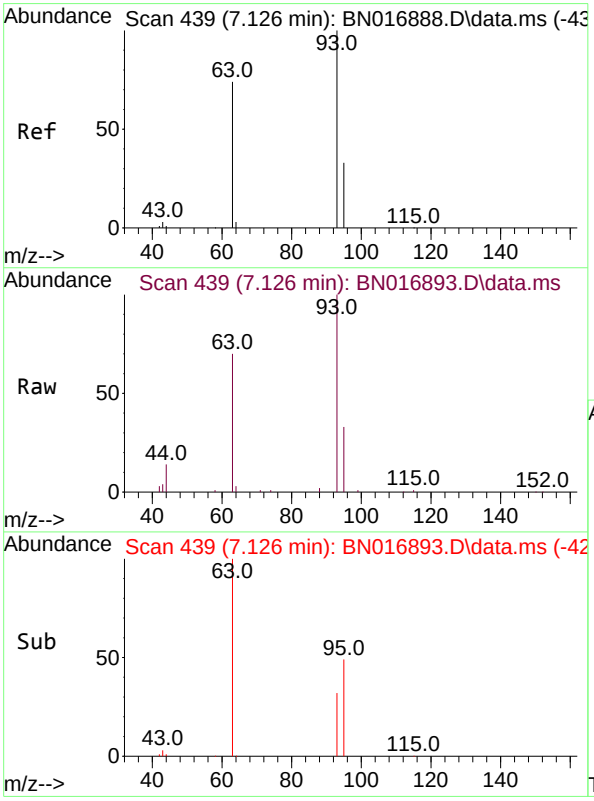
#5
Phenol-d6
Concen: 0.365 ng
RT: 6.868 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion: 99 Resp: 22121

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.9	20.9
71	30.7	24.5	36.7

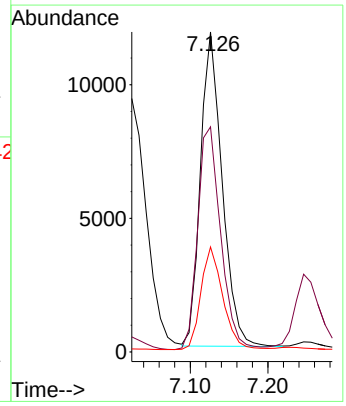


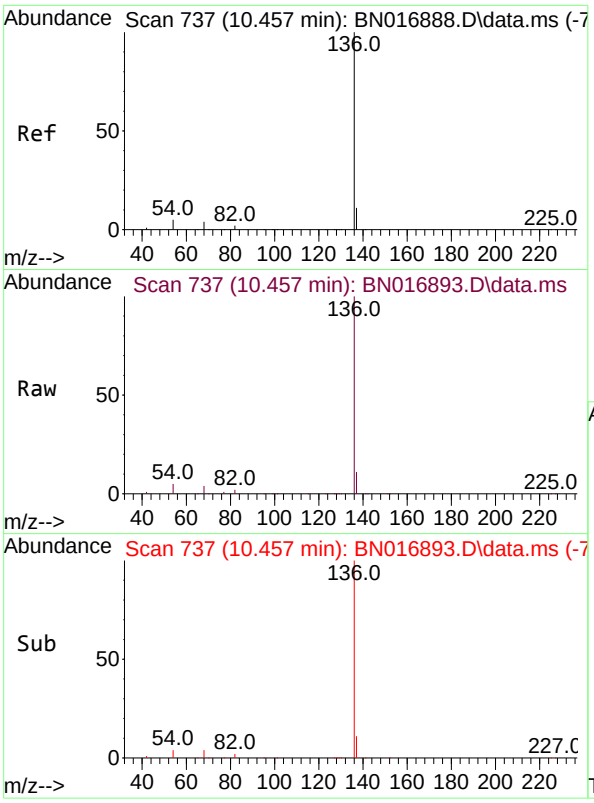


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion: 93 Resp: 22826

Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.8	89.6
95	33.0	26.4	39.6



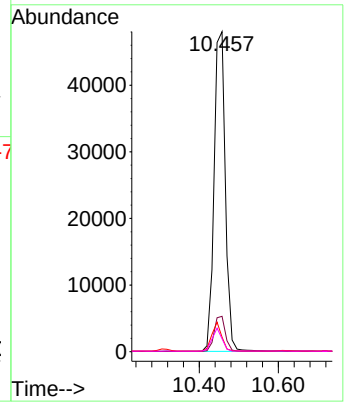


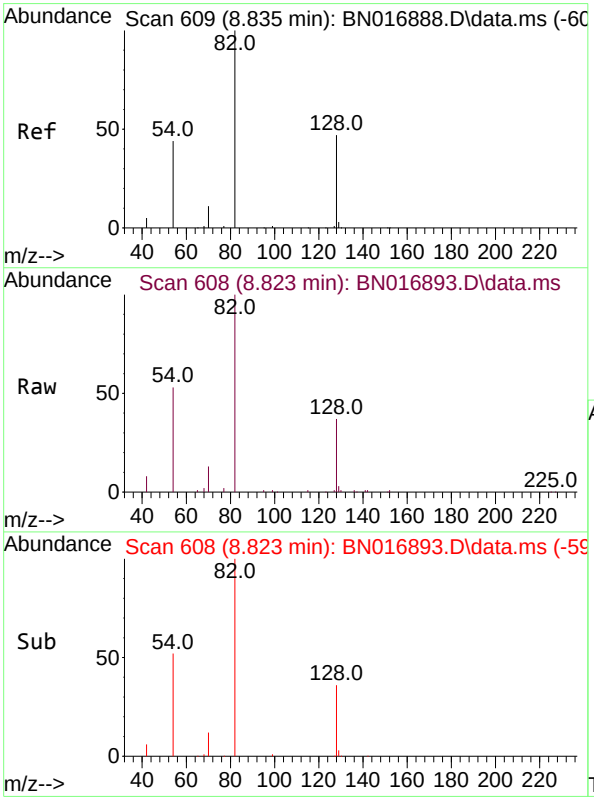
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:136 Resp: 94894

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.5	3.8	5.6
68	4.0	3.4	5.0

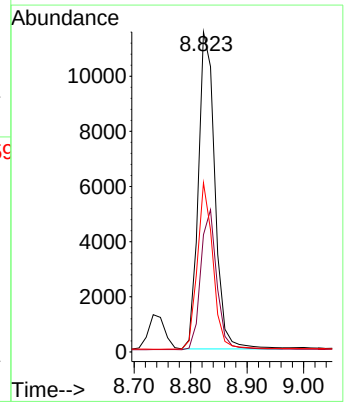


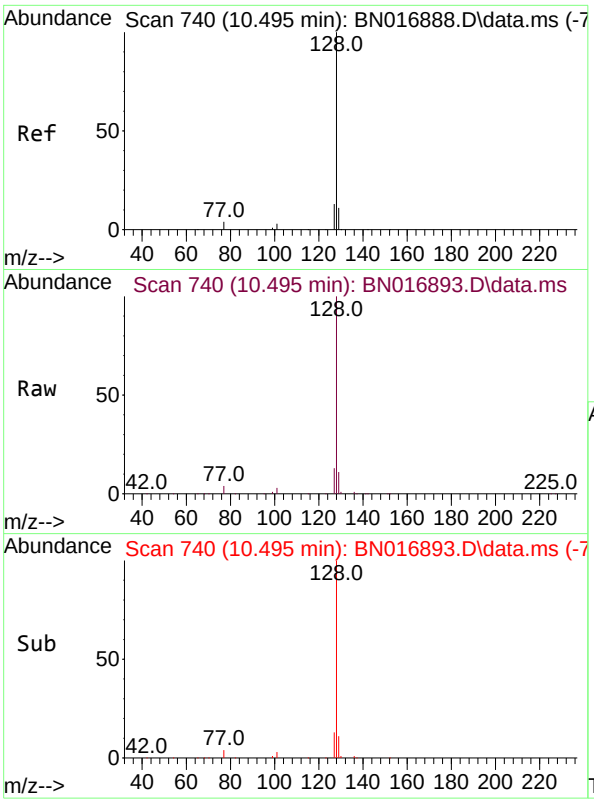


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.823 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion: 82 Resp: 23506

Ion	Ratio	Lower	Upper
82	100		
128	36.7	37.8	56.6#
54	52.8	35.3	52.9



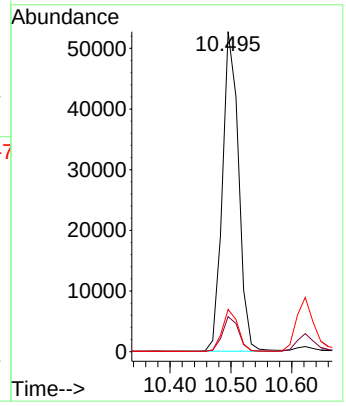


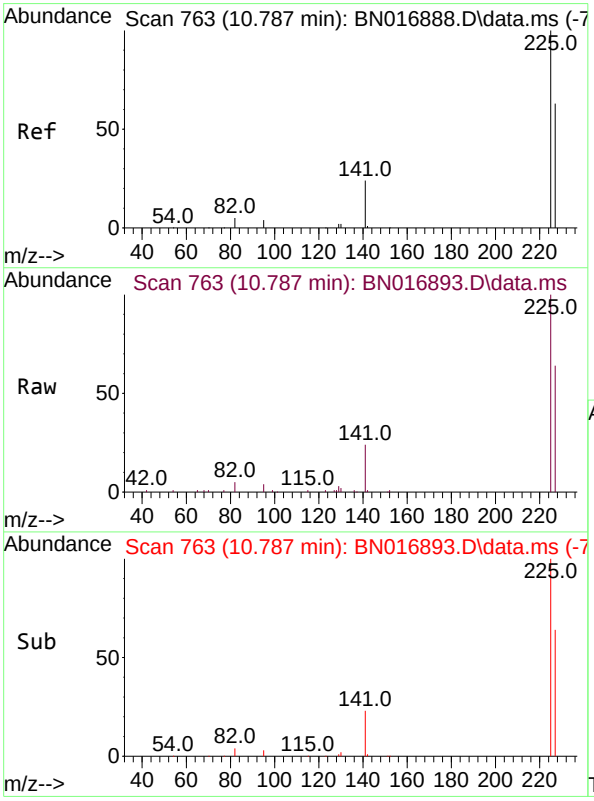
#9
Naphthalene
Concen: 0.375 ng
RT: 10.495 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:128 Resp: 96919

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.7	16.1

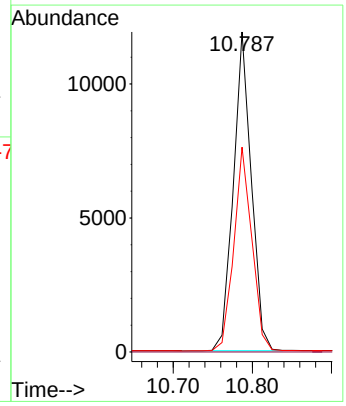


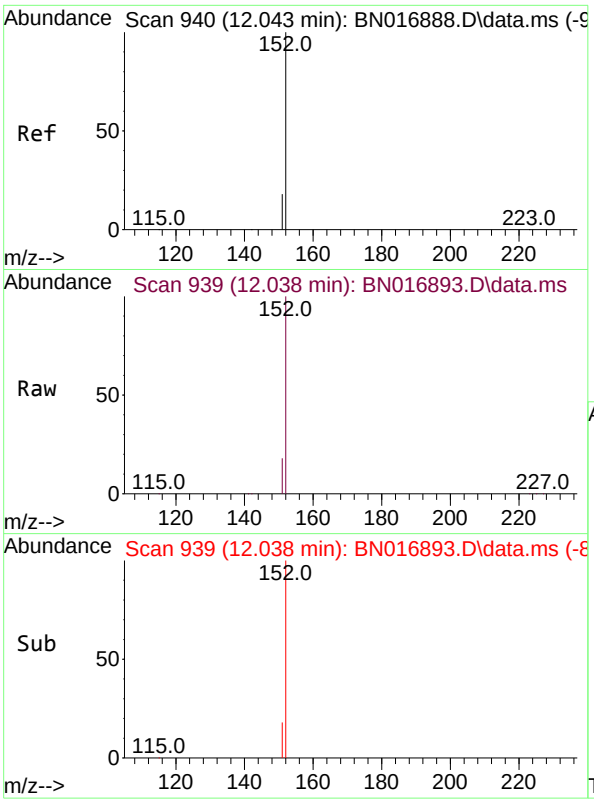


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:225 Resp: 18774

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3



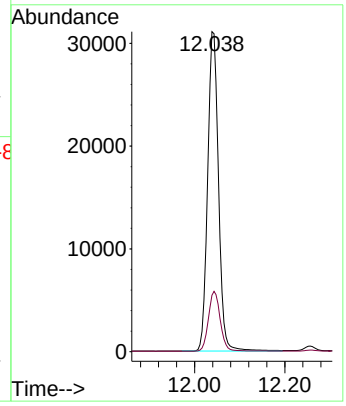


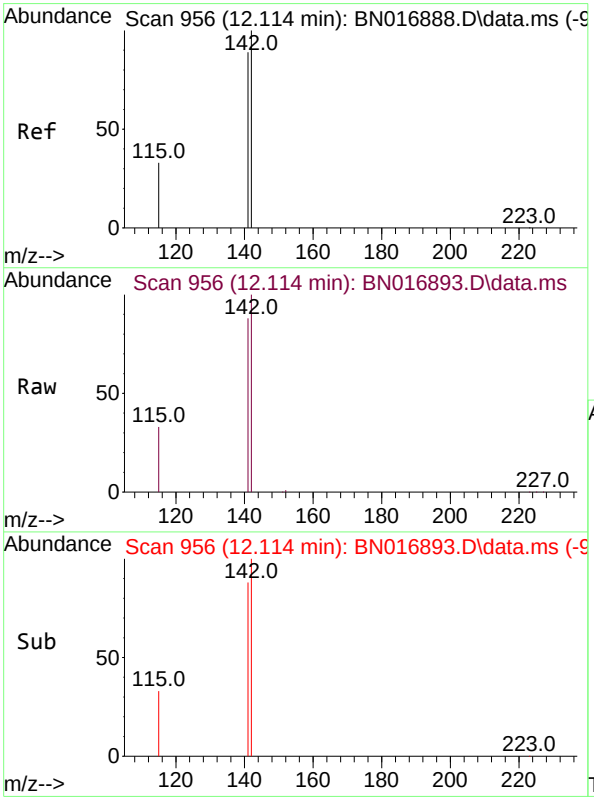
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.038 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:152 Resp: 52038

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5

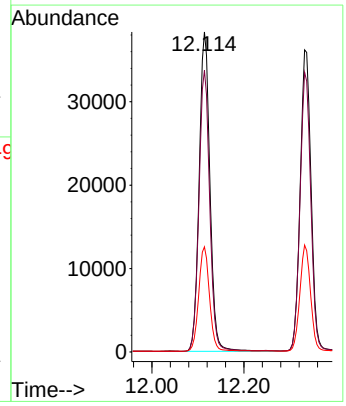


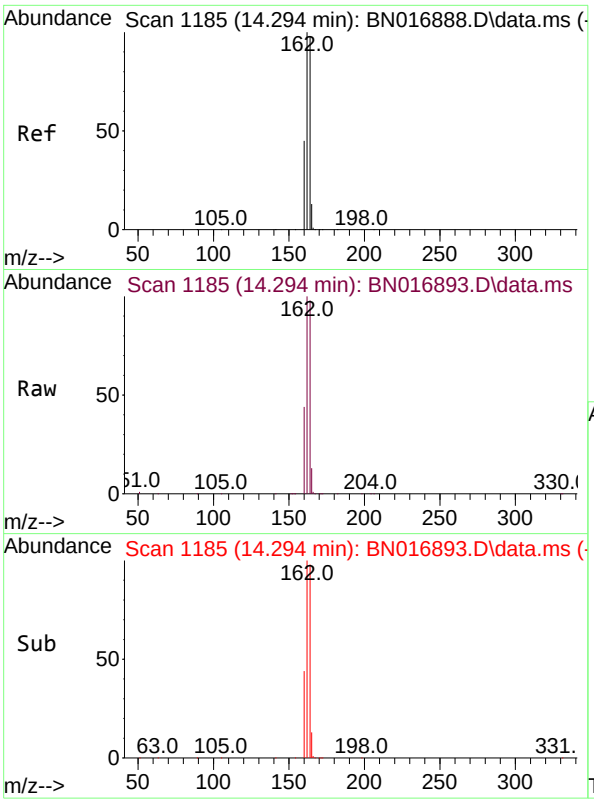


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:142 Resp: 62377

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4
115	32.9	26.6	40.0



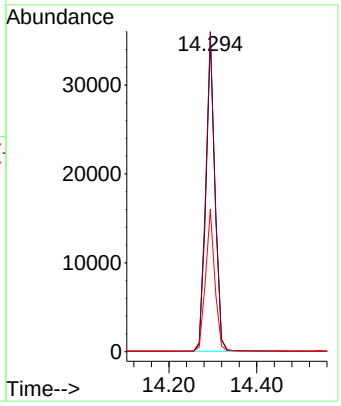


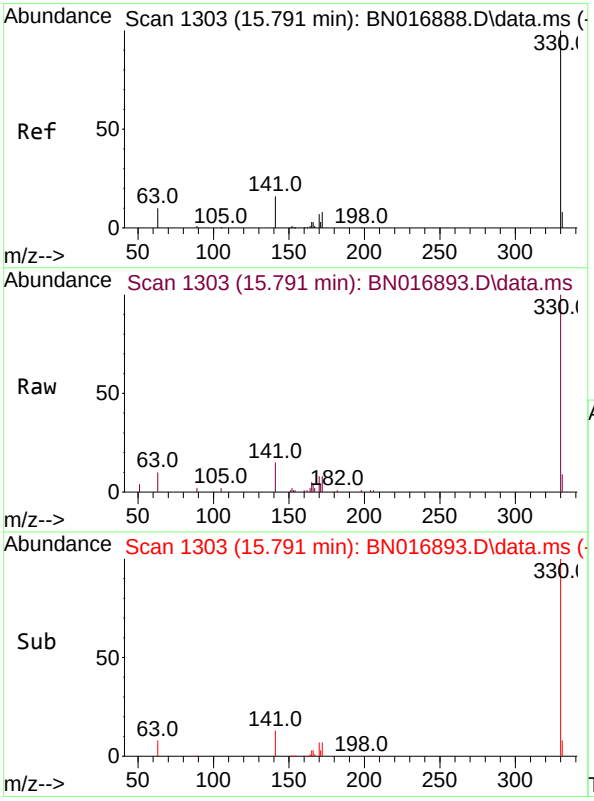
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:164 Resp: 50812

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	45.3	37.0	55.4

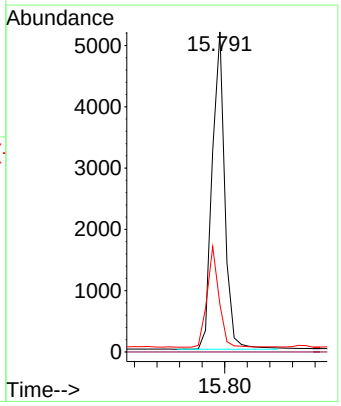


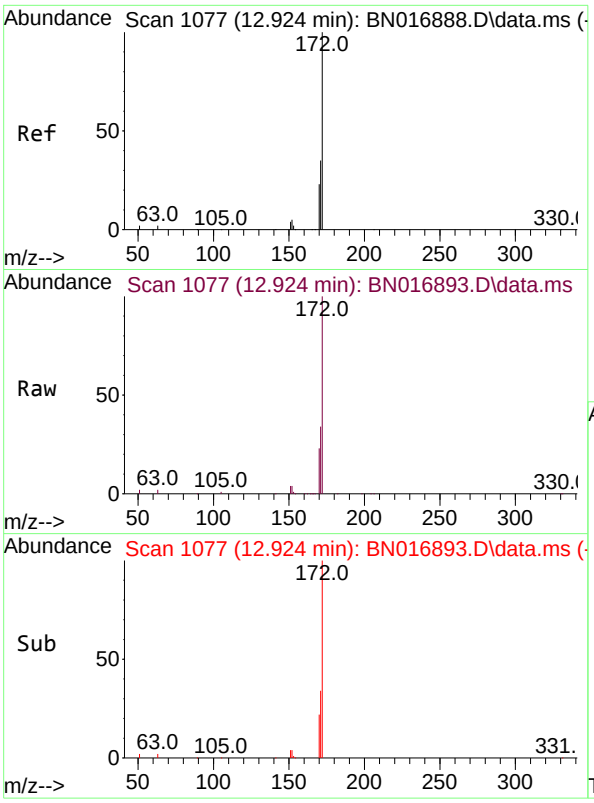


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:330 Resp: 8035

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.7	24.3	36.5



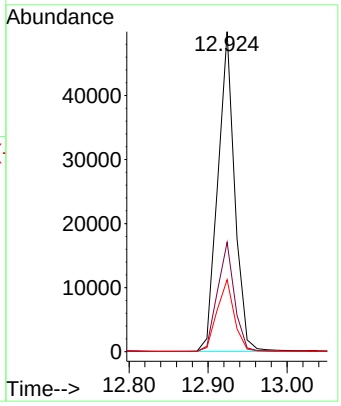


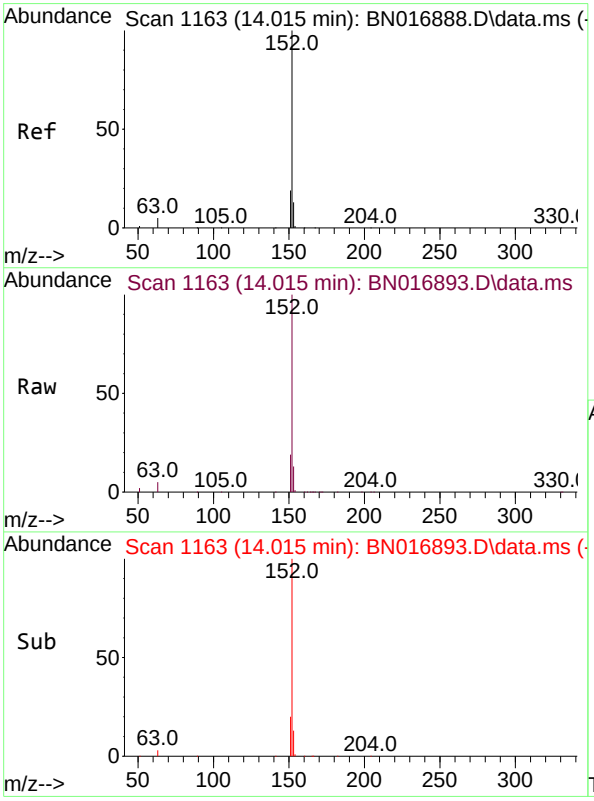
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.924 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:172 Resp: 73945

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	22.5	18.3	27.5

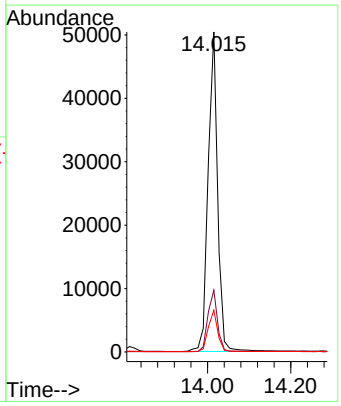


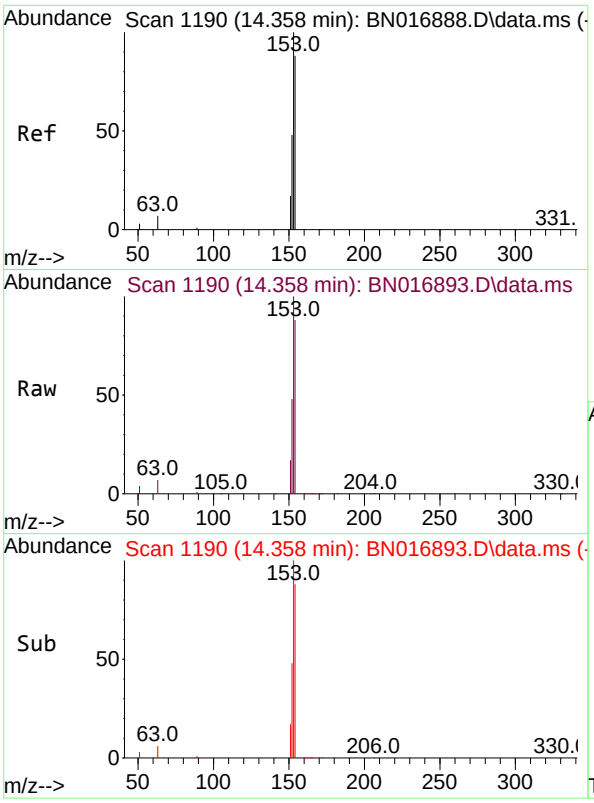


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:152 Resp: 79866

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.4	15.6



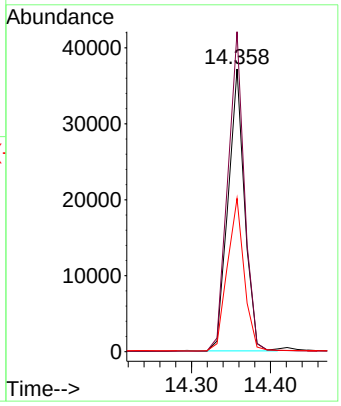


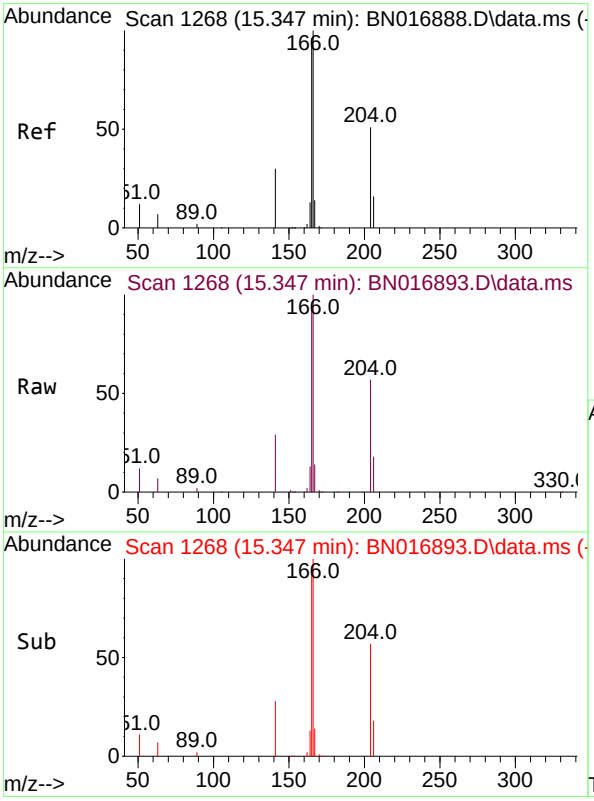
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.358 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:154 Resp: 53950

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.6	135.8
152	55.2	43.7	65.5

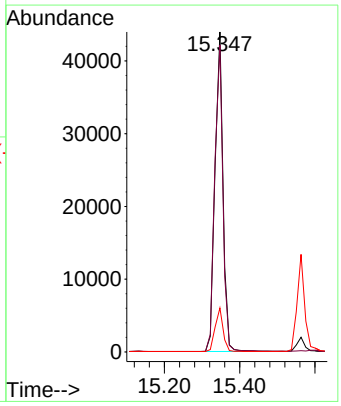


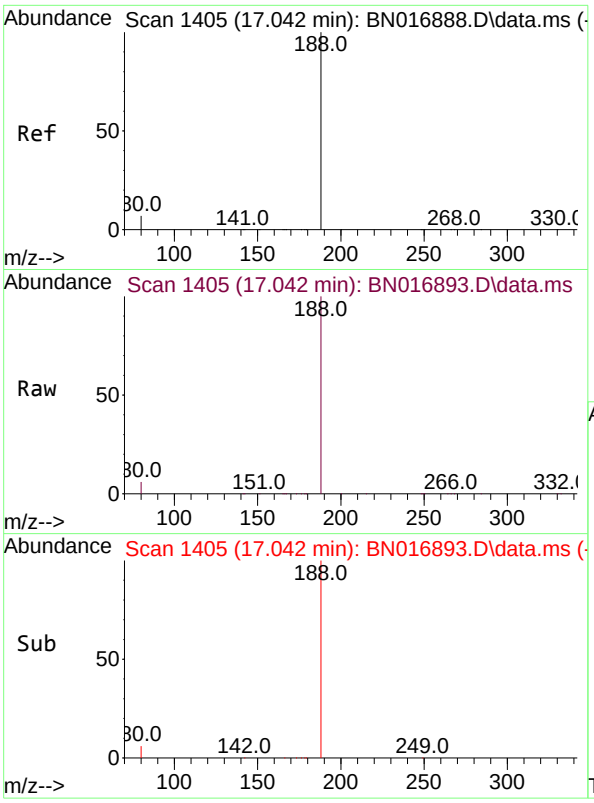


#18
Fluorene
Concen: 0.372 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:166 Resp: 64735

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	13.6	10.8	16.2



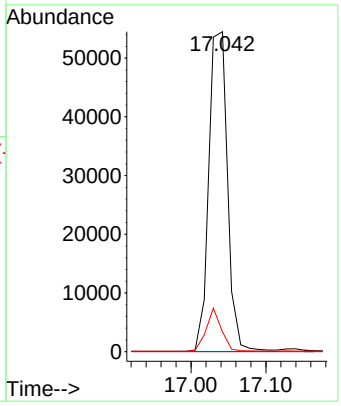


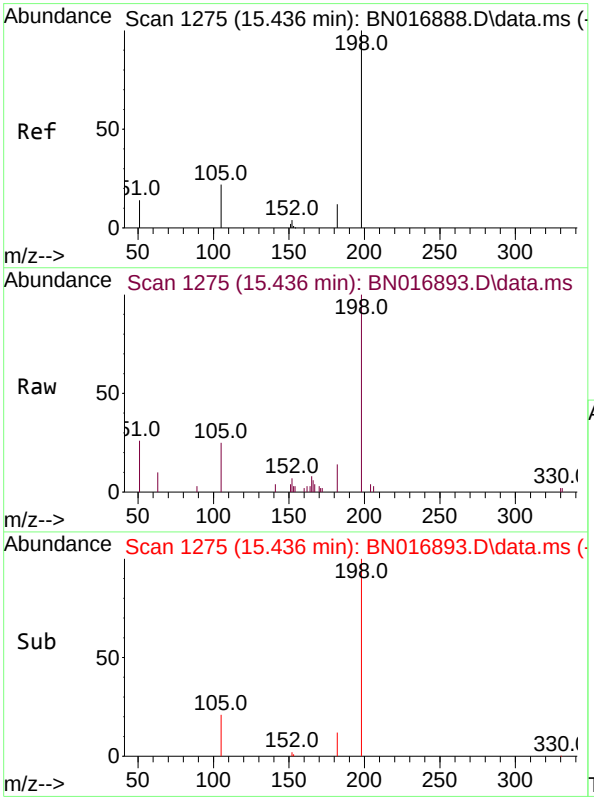
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:188 Resp: 94649

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	5.4	8.2

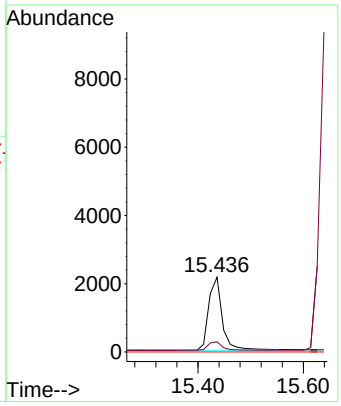


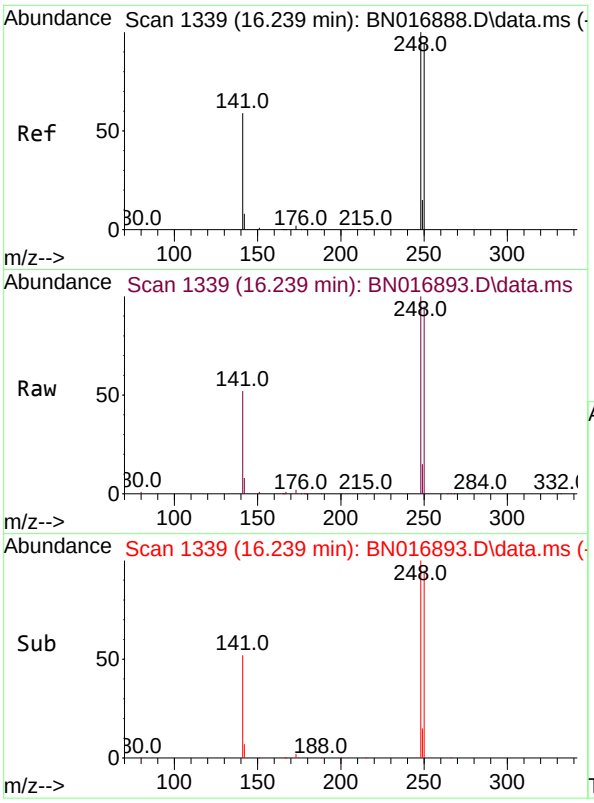


#20
4,6-Dinitro-2-methylphenol
Concen: 0.359 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:198 Resp: 3836

Ion	Ratio	Lower	Upper
198	100		
182	13.6	11.1	16.7
77	0.0	0.0	0.0



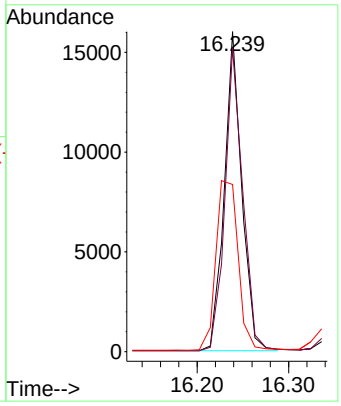


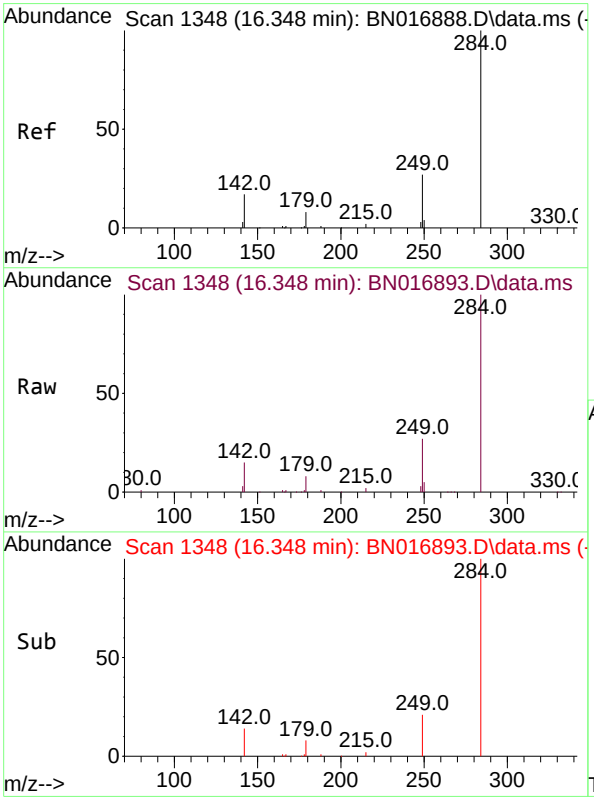
#21
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:248 Resp: 21156

Ion	Ratio	Lower	Upper
248	100		
250	95.0	75.8	113.6
141	52.2	47.4	71.2

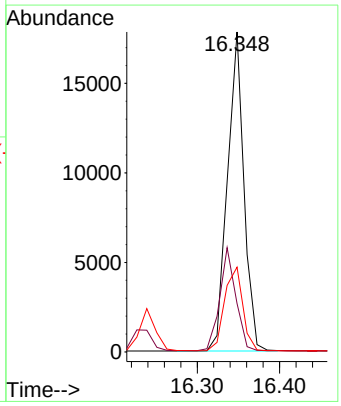


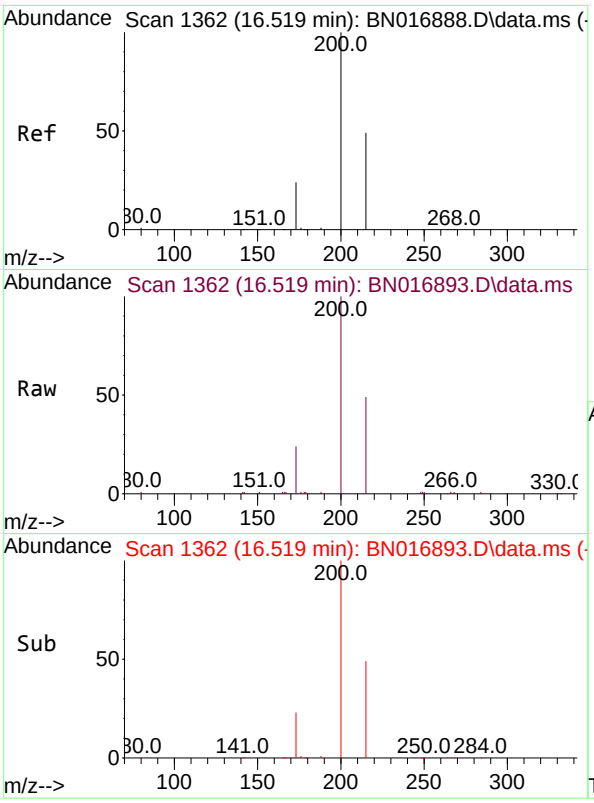


#22
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:284 Resp: 24811

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.1	37.7
249	29.0	23.0	34.4



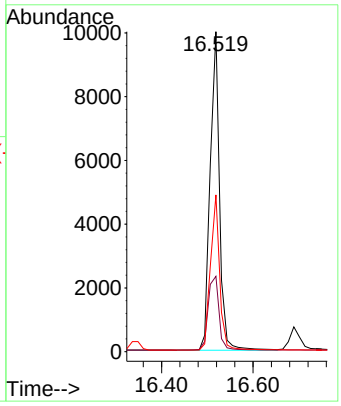


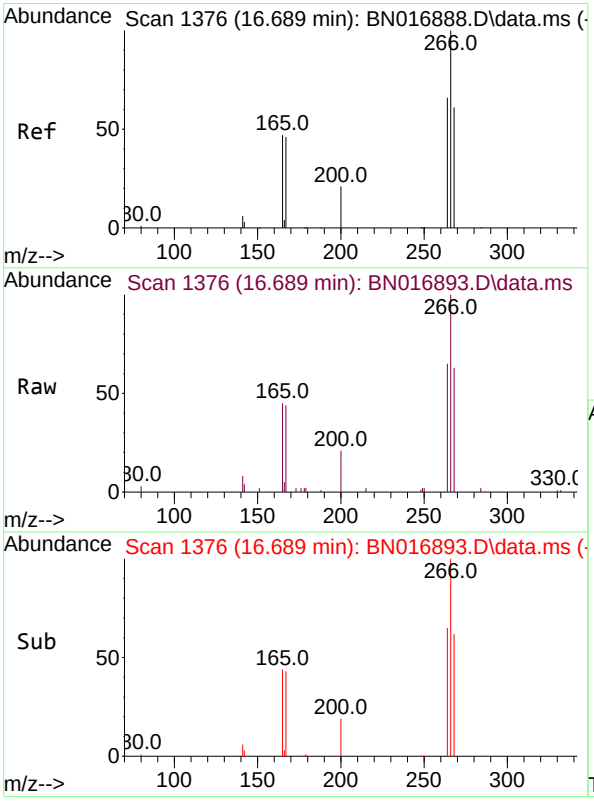
#23
Atrazine
Concen: 0.341 ng
RT: 16.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:200 Resp: 14097

Ion	Ratio	Lower	Upper
200	100		
173	23.6	19.7	29.5
215	49.0	39.5	59.3

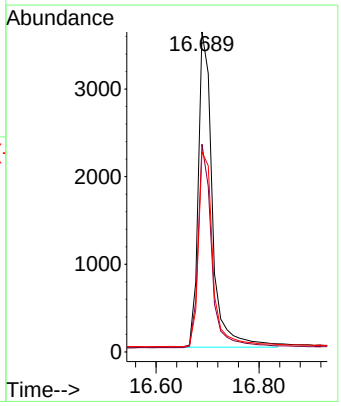


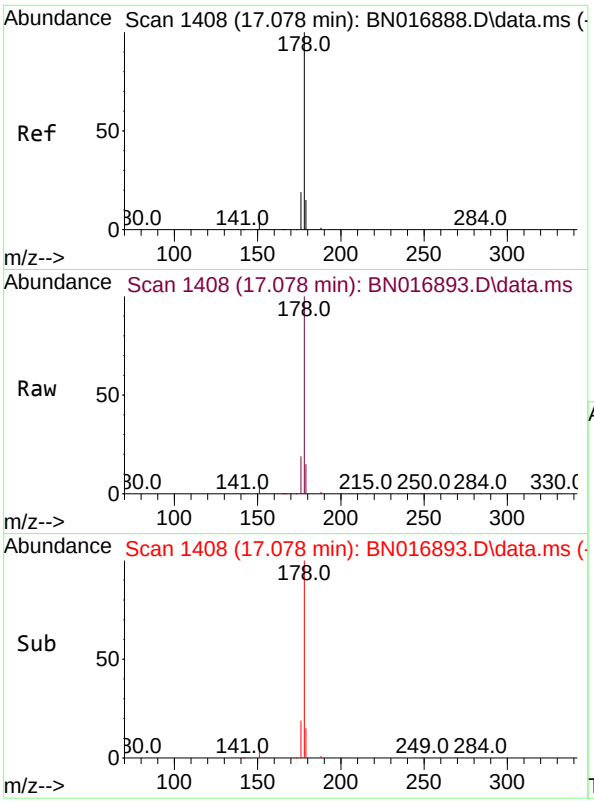


#24
Pentachlorophenol
Concen: 0.362 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:266 Resp: 6883

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	76.0
268	63.5	51.3	76.9



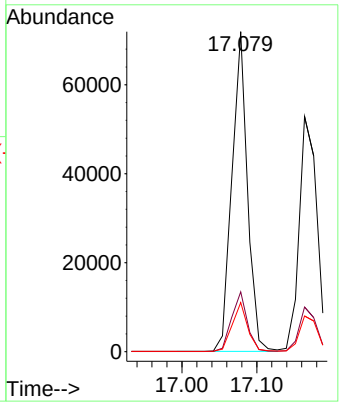


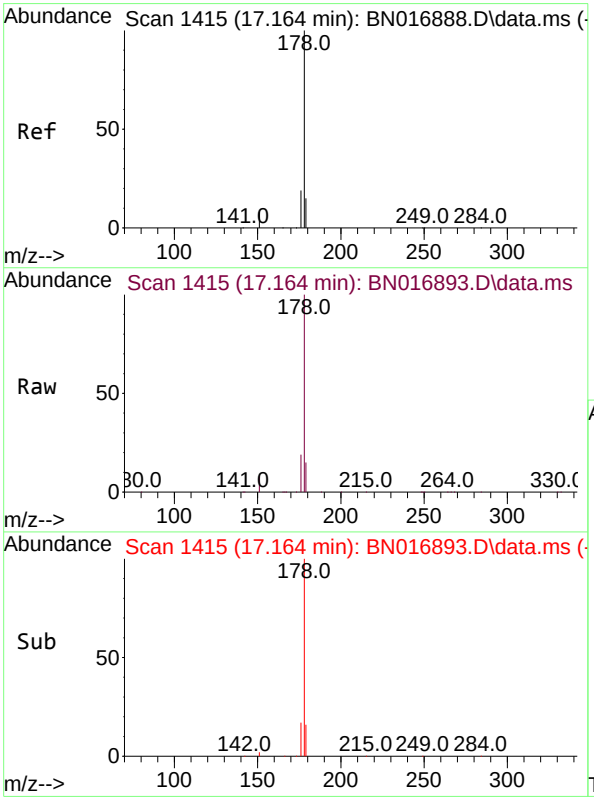
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.078 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:178 Resp: 103558

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.3	18.5

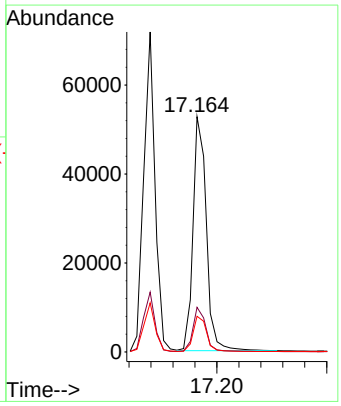


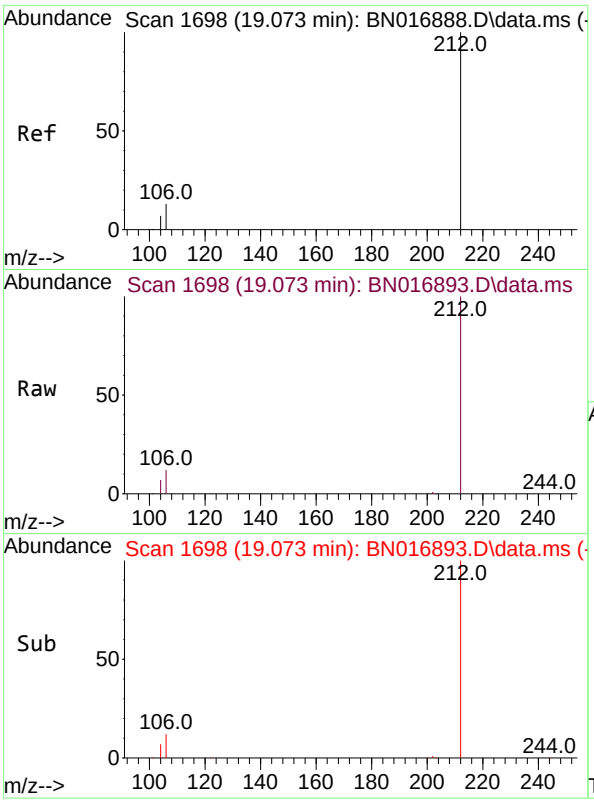


#26
Anthracene
Concen: 0.371 ng
RT: 17.164 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:178 Resp: 88678

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.2	18.4



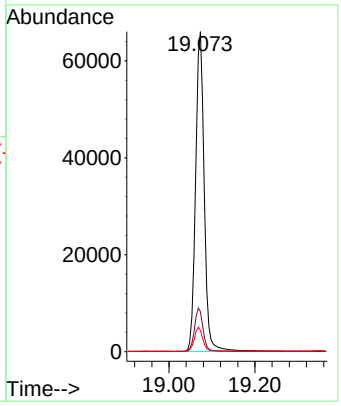


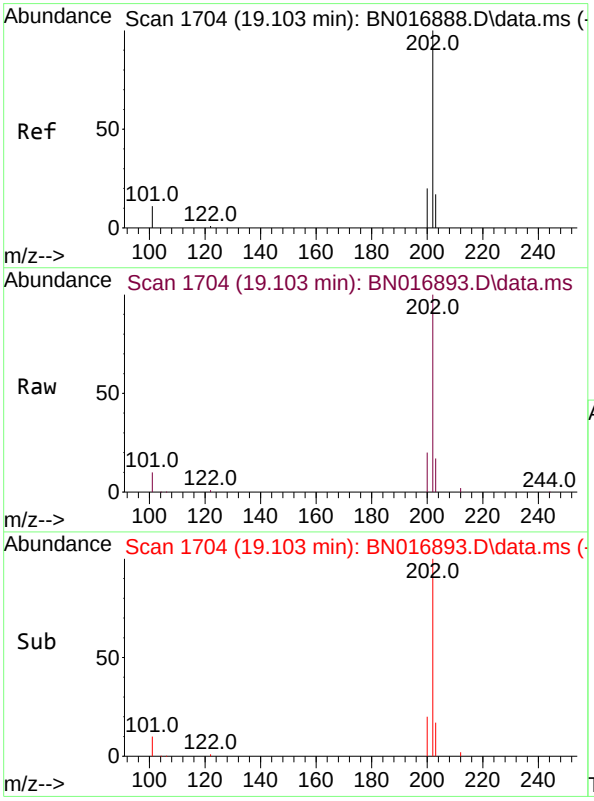
#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.073 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:212 Resp: 91834

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.8	16.2
104	7.4	5.9	8.9

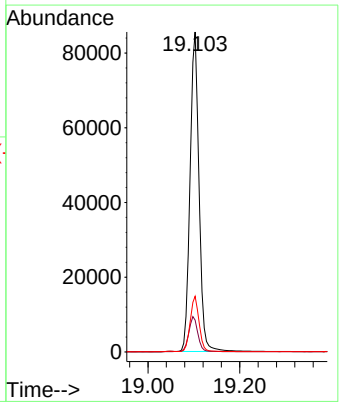


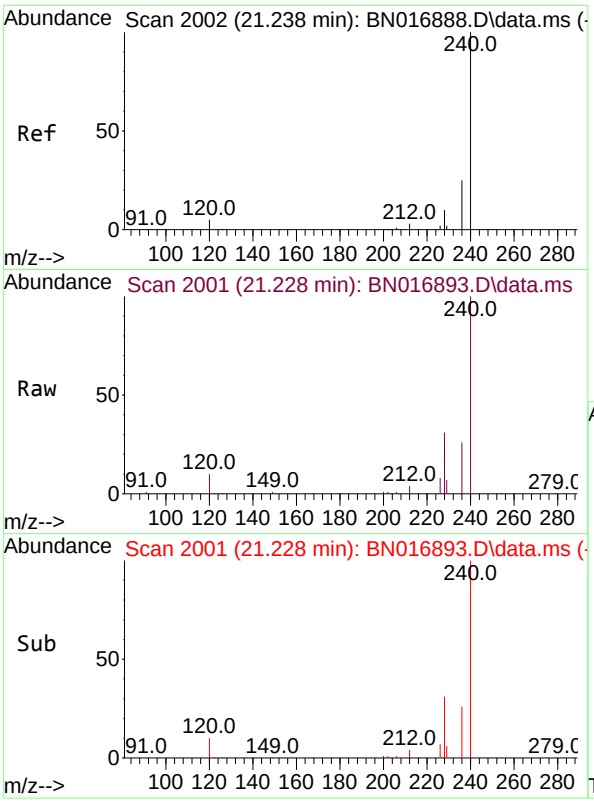


#28
Fluoranthene
Concen: 0.387 ng
RT: 19.103 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:202 Resp: 115778

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.6
203	17.2	13.8	20.8



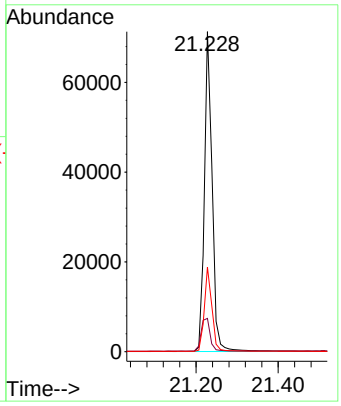


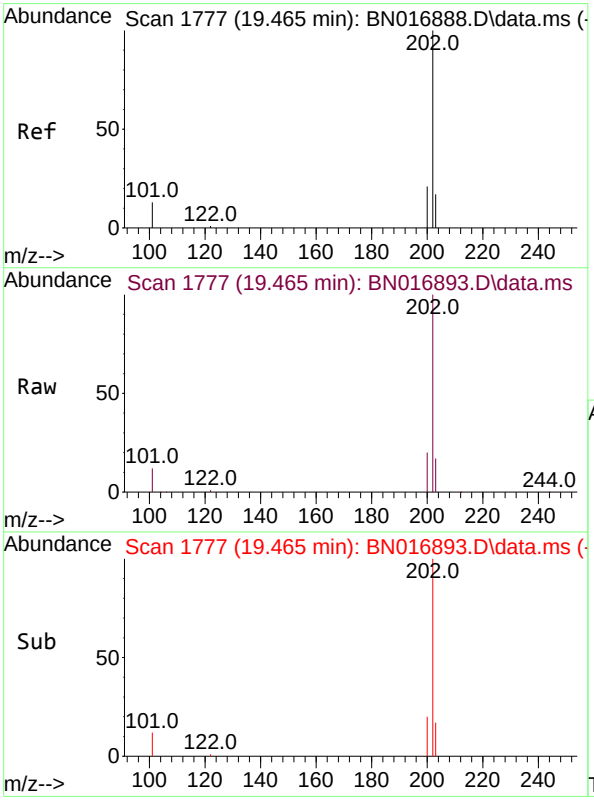
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2(
Delta R.T. -0.011 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:240 Resp: 93905

Ion	Ratio	Lower	Upper
240	100		
120	10.4	4.1	6.1#
236	26.4	20.1	30.1

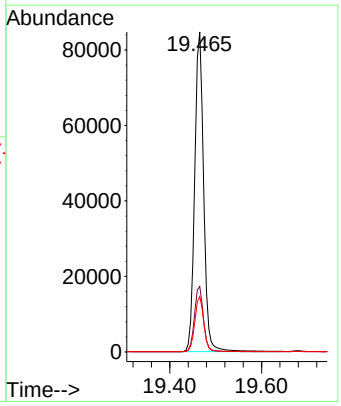


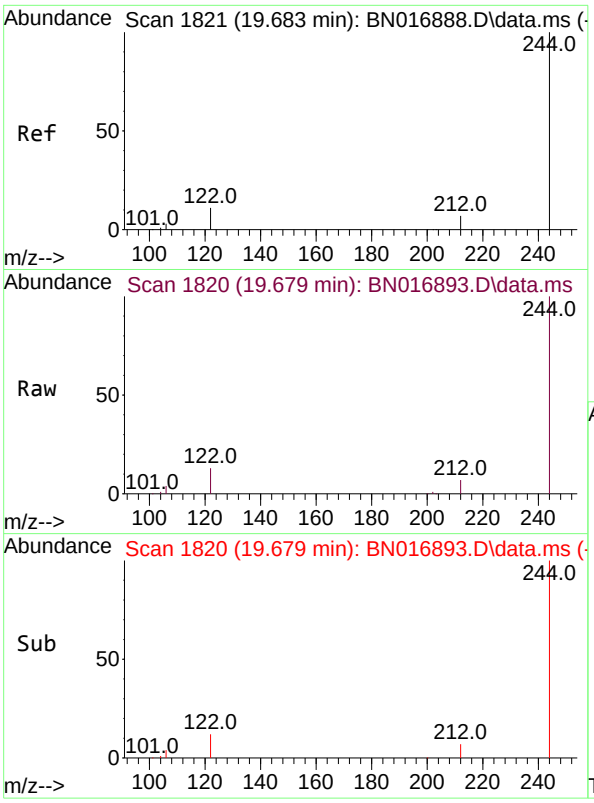


#30
Pyrene
Concen: 0.373 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:202 Resp: 114746

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.5	14.0	21.0



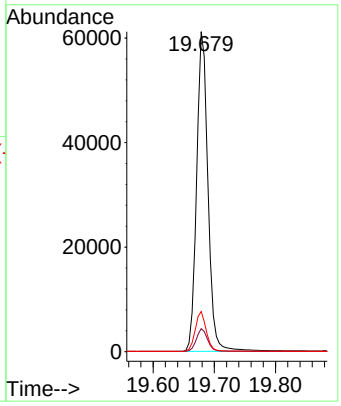


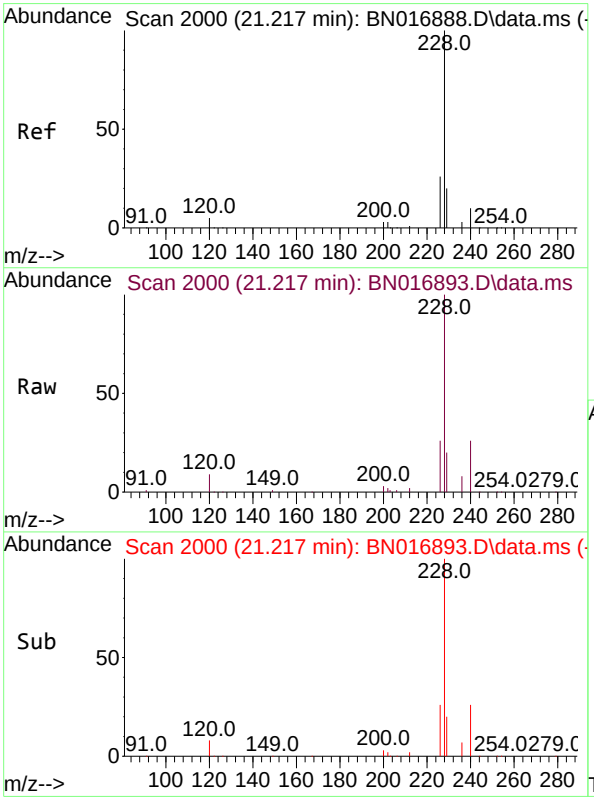
#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.679 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:244 Resp: 78949

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	12.5	8.6	13.0

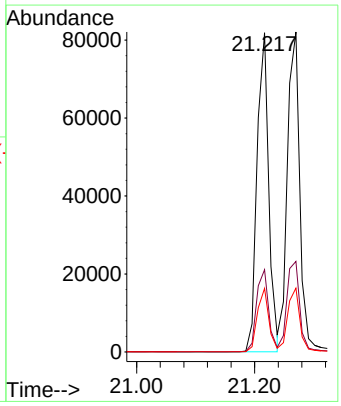


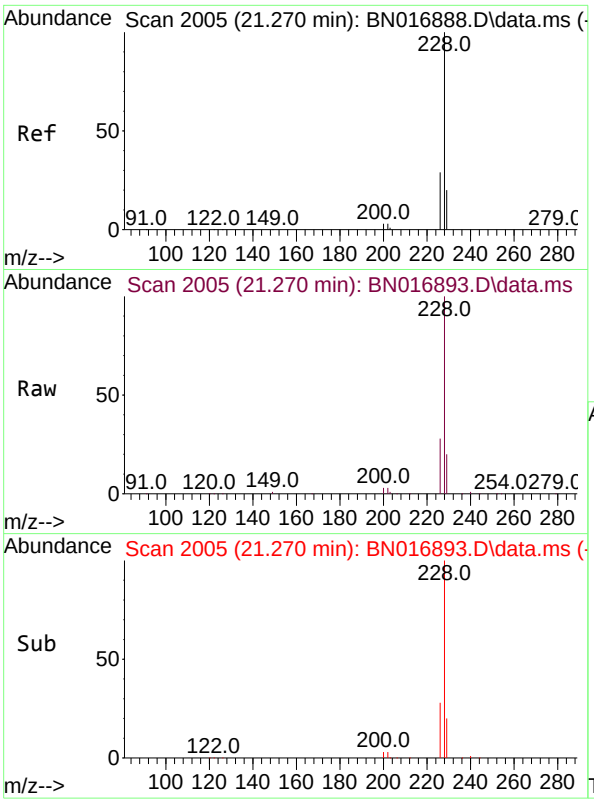


#32
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:228 Resp: 111839

Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.2	31.8
229	19.9	15.8	23.6



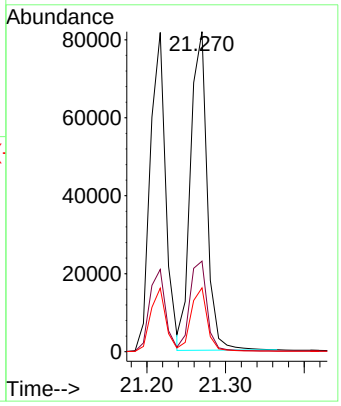


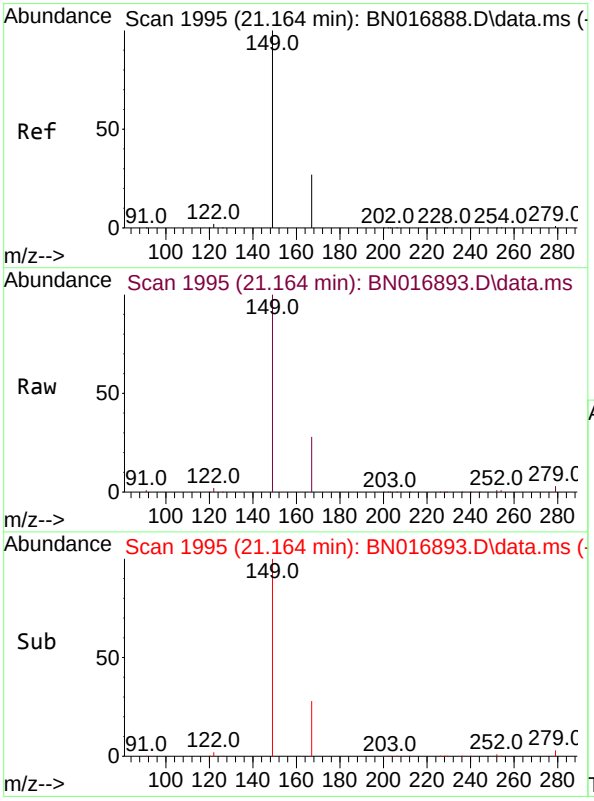
#33
Chrysene
Concen: 0.386 ng
RT: 21.270 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:228 Resp: 119173

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.3	34.9
229	20.0	15.8	23.6

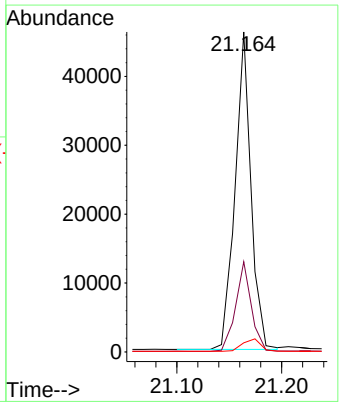


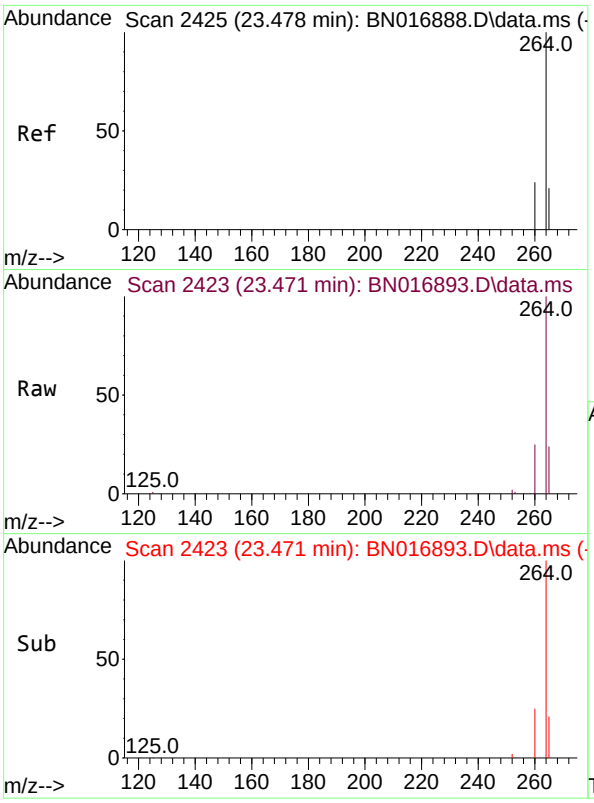


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.292 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:149 Resp: 48217

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	4.5	3.5	5.3



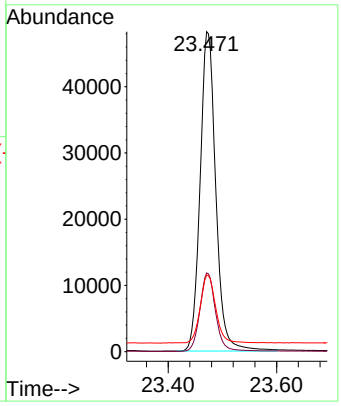


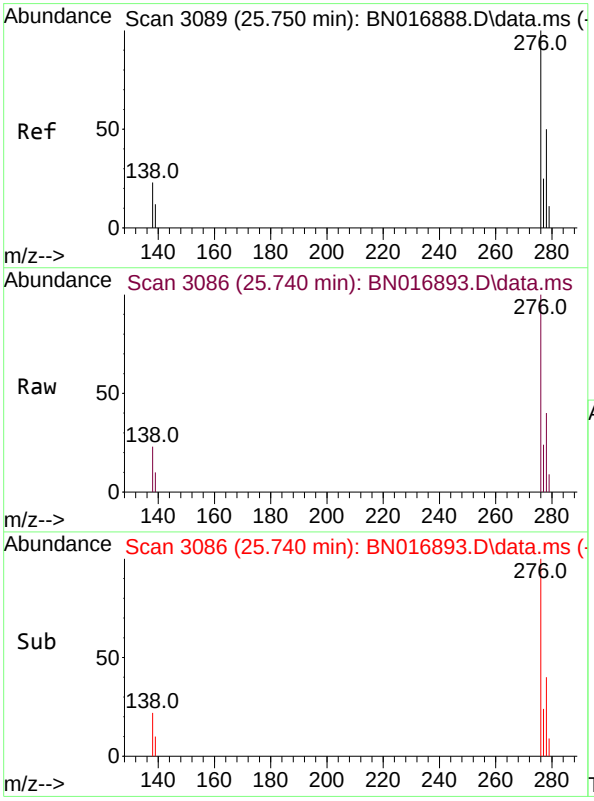
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.471 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:264 Resp: 96651

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.9	19.2	28.8

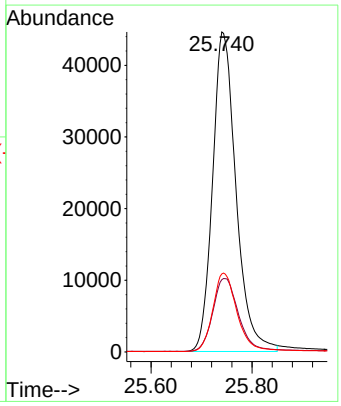


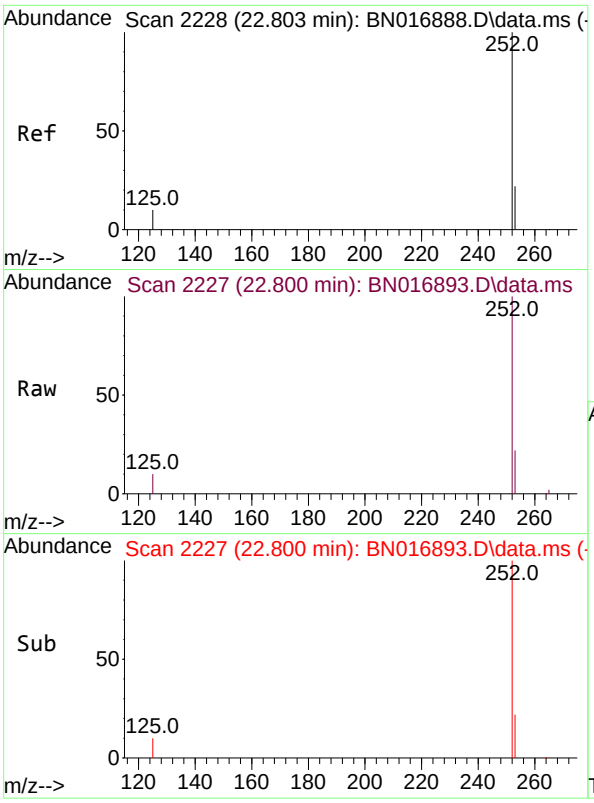


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 25.740 min Scan# 3086
Delta R.T. -0.010 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:276 Resp: 143855

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.1	30.1
277	25.1	20.1	30.1



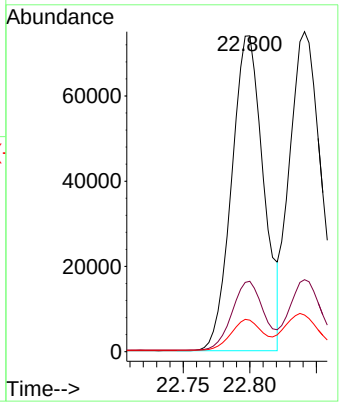


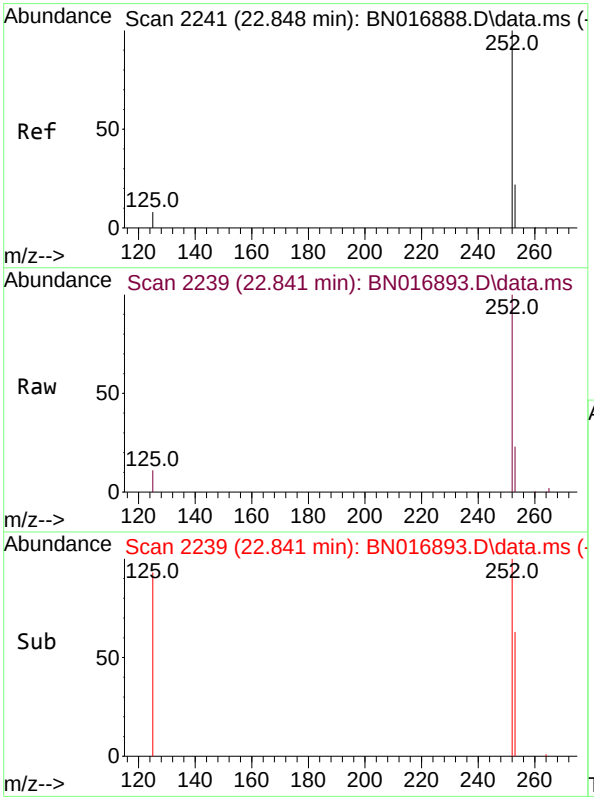
#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.800 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:252 Resp: 123256

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.0	8.1	12.1

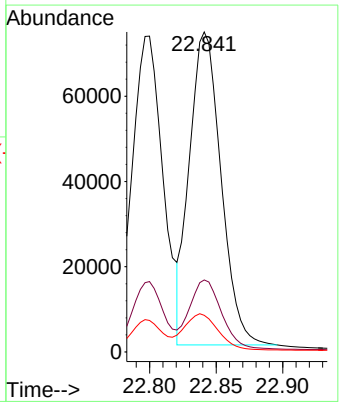


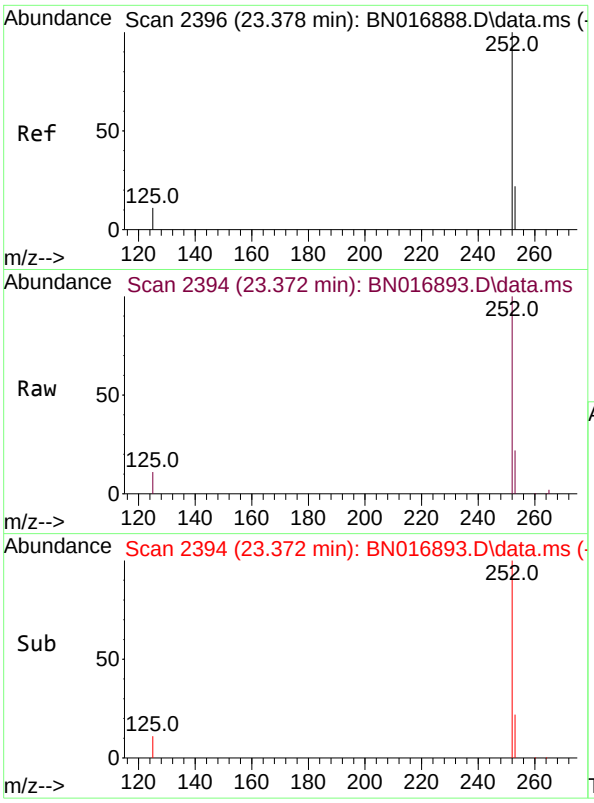


#38
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.841 min Scan# 2239
Delta R.T. -0.007 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:252 Resp: 121138

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.4	9.0	13.6



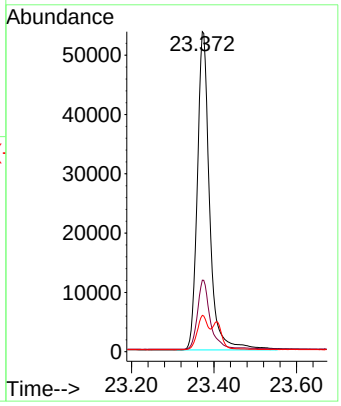


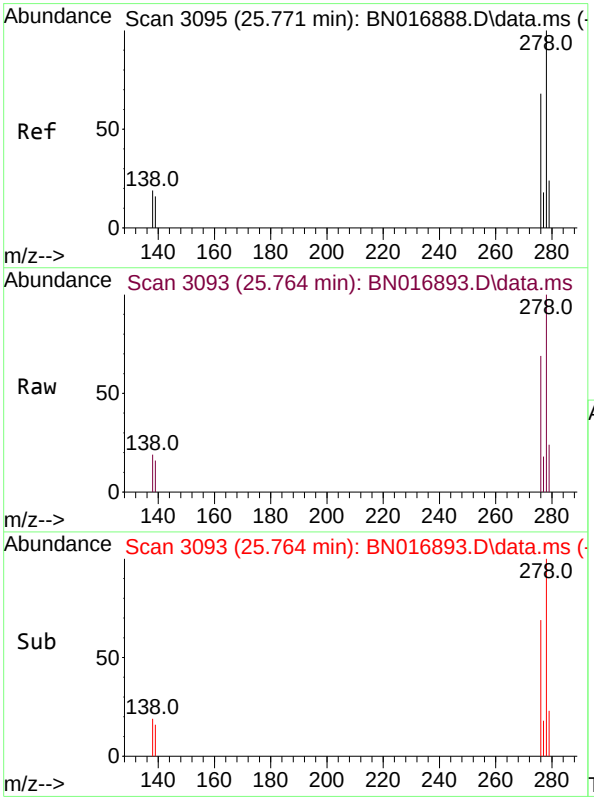
#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.372 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:252 Resp: 110762

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.4	9.0	13.6

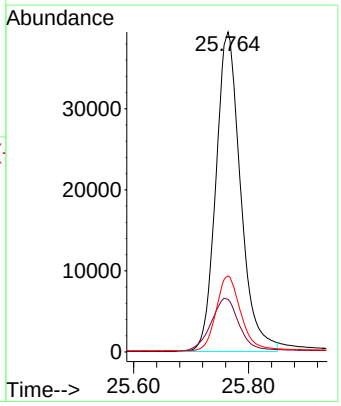


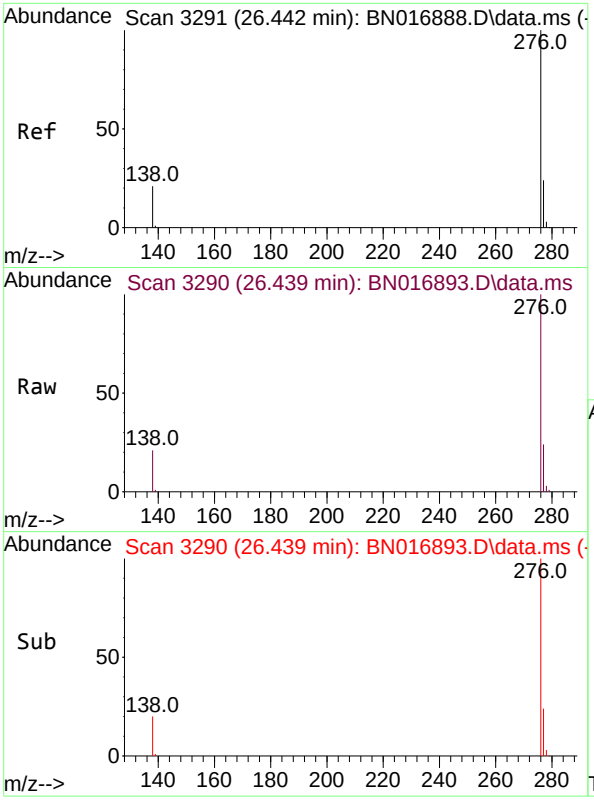


#40
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 25.764 min Scan# 3093
Delta R.T. -0.007 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Tgt Ion:278 Resp: 117414

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.4	20.0
279	23.8	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.439 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN016893.D
Acq: 11 Oct 2021 22:10

Instrument :
BNA_N
ClientSampleId :
ICVBN101221

Tgt Ion:276 Resp: 122724

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	20.7	16.7	25.1