Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072221\
Data File : BN015648.D
Acq On : 21 Jul 2021 16:49
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN072221

Quant Time: Jul 21 17:18:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:45:21 2021
Response via : Initial Calibration

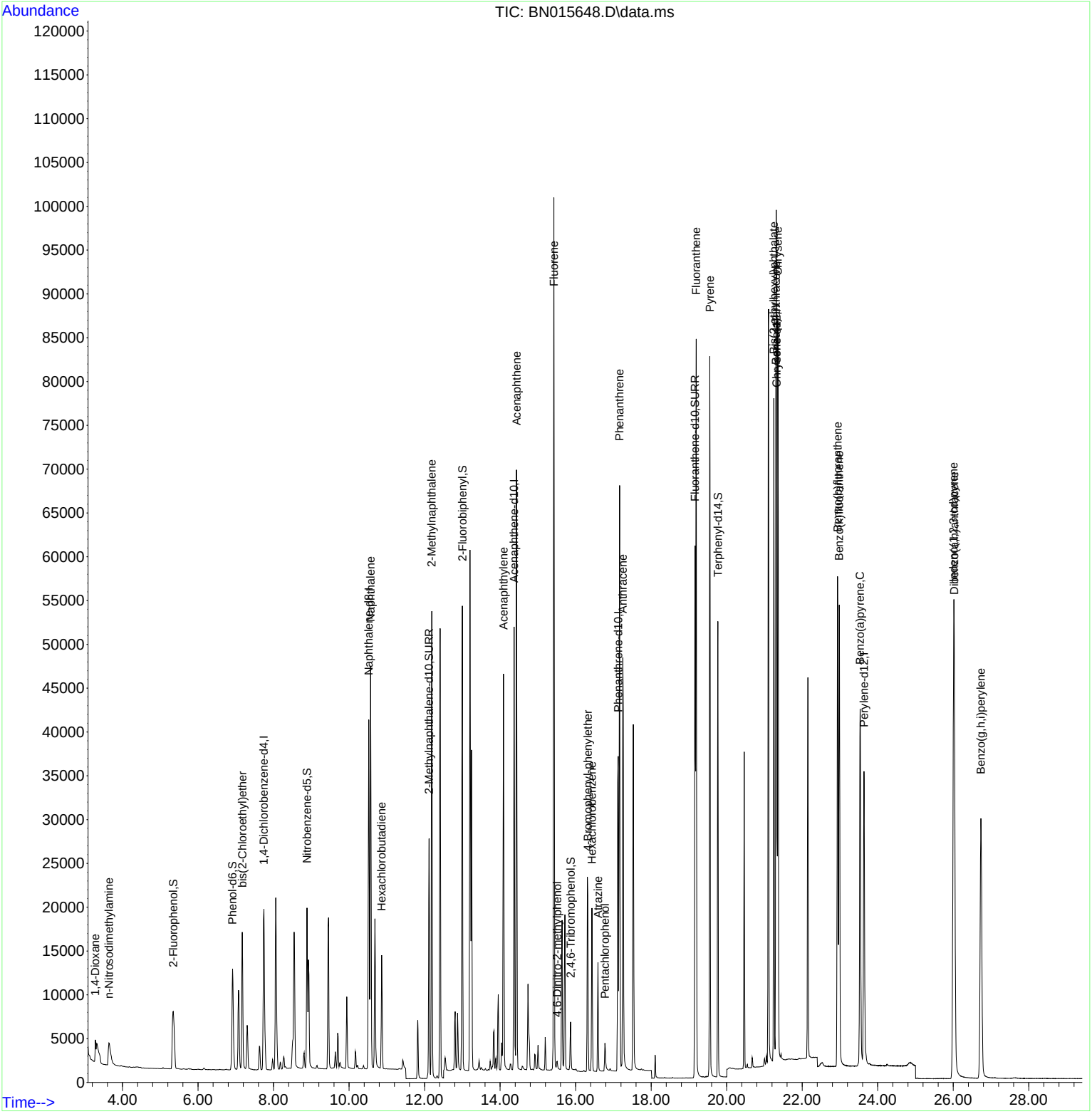
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.744	152	11749	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	52412	0.400	ng		0.00
13) Acenaphthene-d10	14.370	164	27988	0.400	ng		0.00
19) Phenanthrene-d10	17.127	188	53942	0.400	ng		0.00
29) Chrysene-d12	21.323	240	51400	0.400	ng		0.00
35) Perylene-d12	23.635	264	46203	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.346	112	13234	0.379	ng		0.00
5) Phenol-d6	6.914	99	14676	0.350	ng		0.00
8) Nitrobenzene-d5	8.886	82	15071	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.118	152	37340	0.424	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	4242	0.323	ng		0.00
15) 2-Fluorobiphenyl	13.000	172	46371	0.418	ng		0.00
27) Fluoranthene-d10	19.162	212	68282	0.405	ng		0.00
31) Terphenyl-d14	19.768	244	51681	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	1669	0.418	ng	#	47
3) n-Nitrosodimethylamine	3.640	42	3827	0.385	ng		99
6) bis(2-Chloroethyl)ether	7.172	93	14687	0.407	ng		100
9) Naphthalene	10.571	128	58823	0.381	ng		100
10) Hexachlorobutadiene	10.863	225	10756	0.383	ng	#	100
12) 2-Methylnaphthalene	12.189	142	38532	0.393	ng		100
16) Acenaphthylene	14.091	152	48444	0.368	ng		100
17) Acenaphthene	14.433	154	32645	0.373	ng		100
18) Fluorene	15.423	166	40518	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.512	198	813	0.376	ng		94
21) 4-Bromophenyl-phenylether	16.324	248	12468	0.368	ng		97
22) Hexachlorobenzene	16.433	284	14174	0.387	ng		100
23) Atrazine	16.591	200	9479	0.361	ng		99
24) Pentachlorophenol	16.774	266	2095	0.417	ng		99
25) Phenanthrene	17.163	178	66011	0.384	ng		100
26) Anthracene	17.249	178	56905	0.376	ng		100
28) Fluoranthene	19.192	202	73215	0.379	ng		100
30) Pyrene	19.554	202	72497	0.372	ng		100
32) Benzo(a)anthracene	21.302	228	69311	0.369	ng		99
33) Chrysene	21.355	228	71721	0.382	ng		100
34) Bis(2-ethylhexyl)phtha...	21.248	149	39350	0.368	ng		100
36) Indeno(1,2,3-cd)pyrene	26.010	276	70863	0.365	ng		100
37) Benzo(b)fluoranthene	22.937	252	70919	0.395	ng		100
38) Benzo(k)fluoranthene	22.981	252	69793	0.391	ng		100
39) Benzo(a)pyrene	23.532	252	62027	0.390	ng		100
40) Dibenzo(a,h)anthracene	26.027	278	56935	0.363	ng		99
41) Benzo(g,h,i)perylene	26.733	276	63459	0.382	ng		99

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

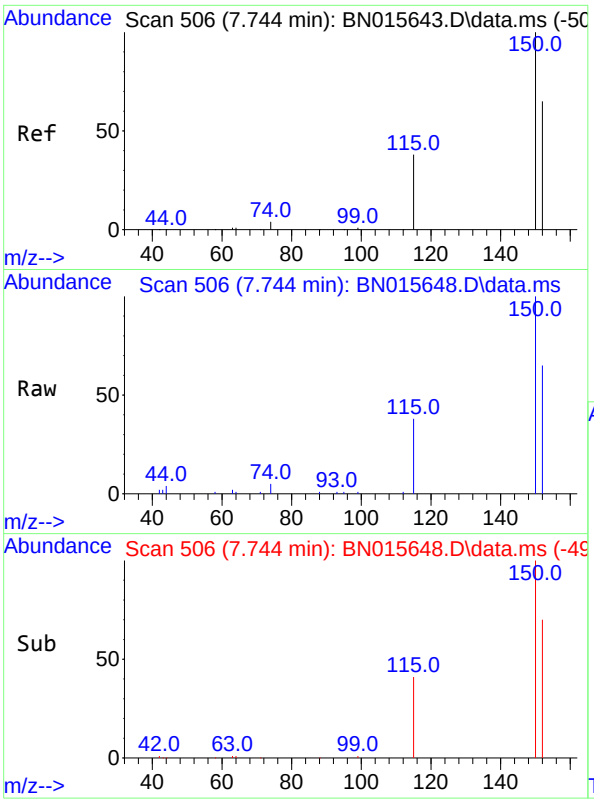
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072221\
Data File : BN015648.D
Acq On : 21 Jul 2021 16:49
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN072221

Quant Time: Jul 21 17:18:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:45:21 2021
Response via : Initial Calibration



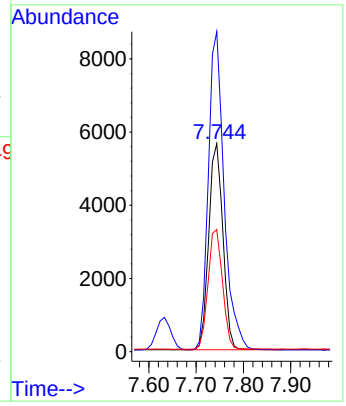
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

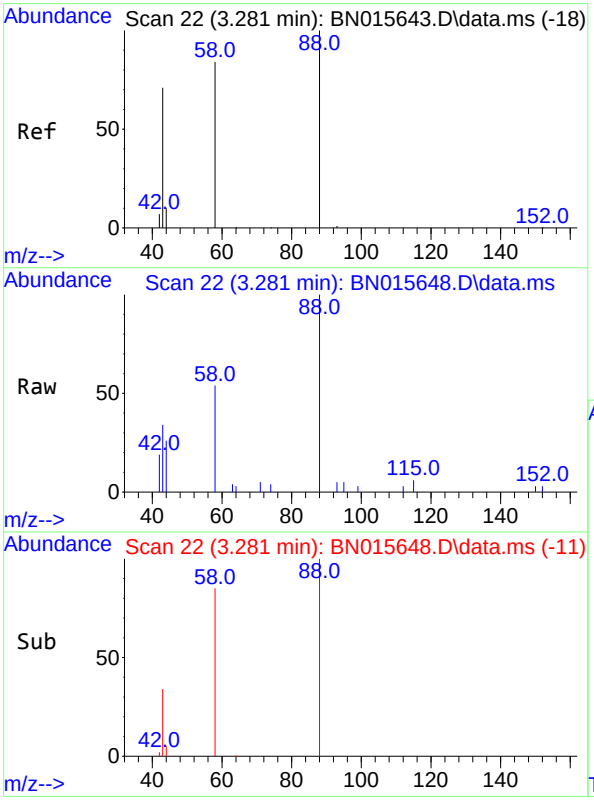


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.744 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:152 Resp: 11749

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.4	185.2
115	58.7	47.0	70.6

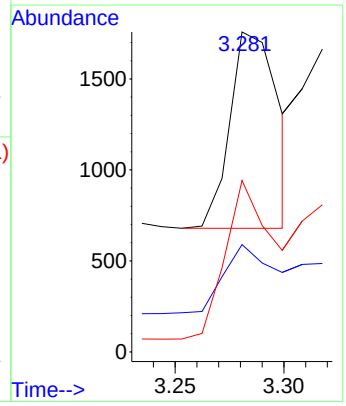




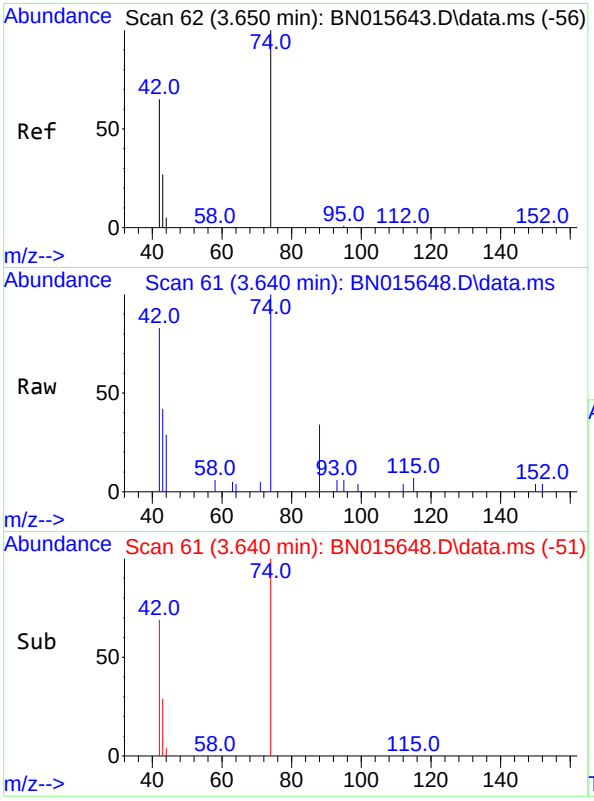
#2
1,4-Dioxane
Concen: 0.418 ng
RT: 3.281 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion: 88 Resp: 1669

Ion	Ratio	Lower	Upper
88	100		
43	36.7	105.4	158.0#
58	79.9	72.6	108.8



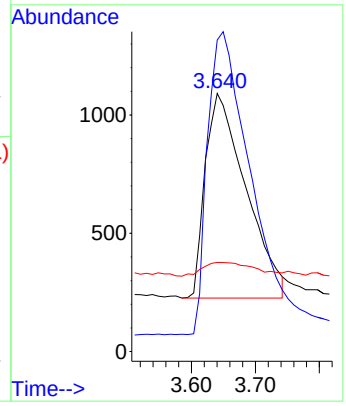
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

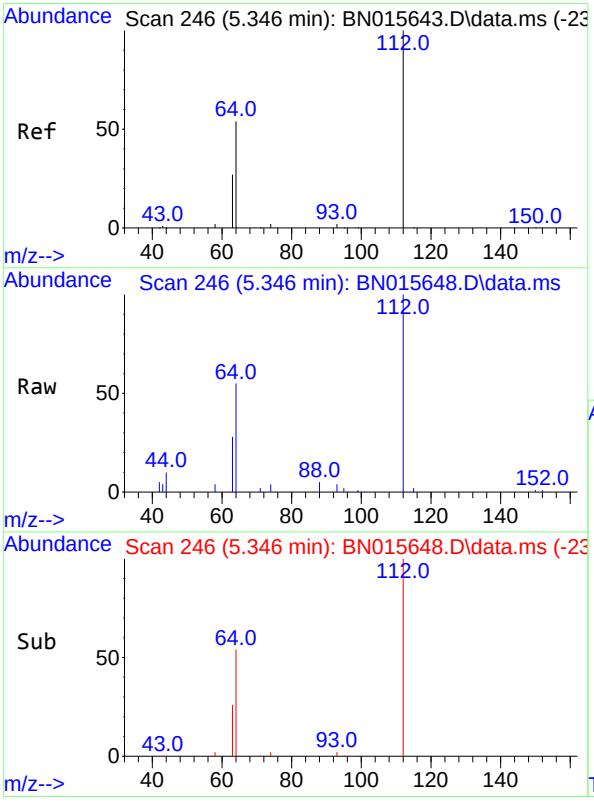


#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.640 min Scan# 61
Delta R.T. -0.009 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion: 42 Resp: 3827

Ion	Ratio	Lower	Upper
42	100		
74	153.5	123.8	185.8
44	8.5	5.9	8.9

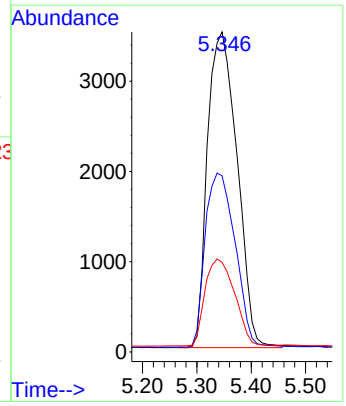




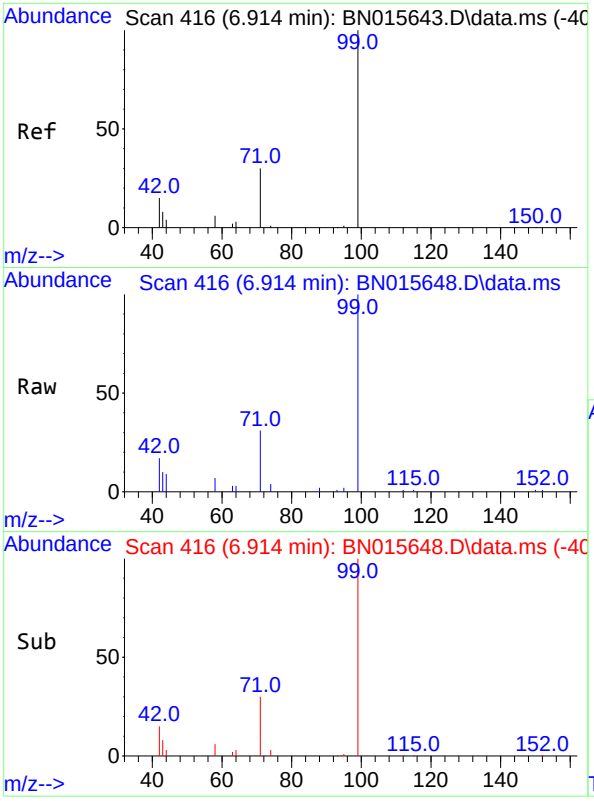
#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.346 min Scan# 246
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:112 Resp: 13234

Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.2	66.4
63	27.6	22.1	33.1



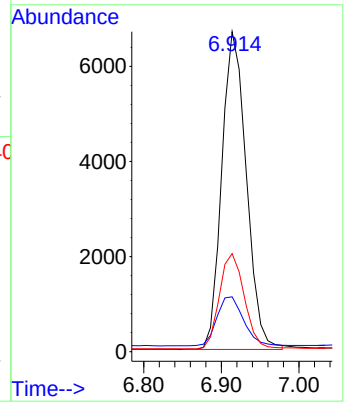
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

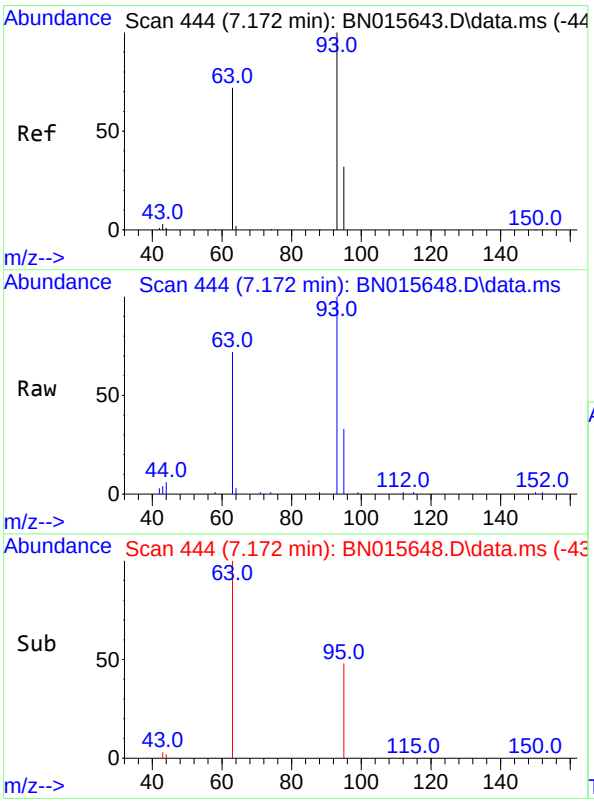


#5
Phenol-d6
Concen: 0.350 ng
RT: 6.914 min Scan# 416
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion: 99 Resp: 14676

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.6
71	30.4	24.4	36.6

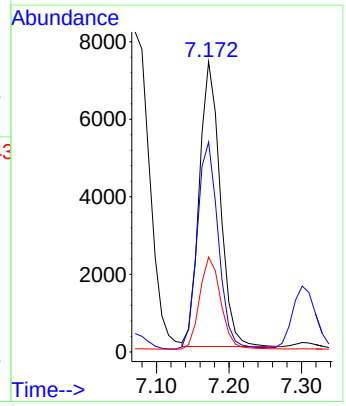




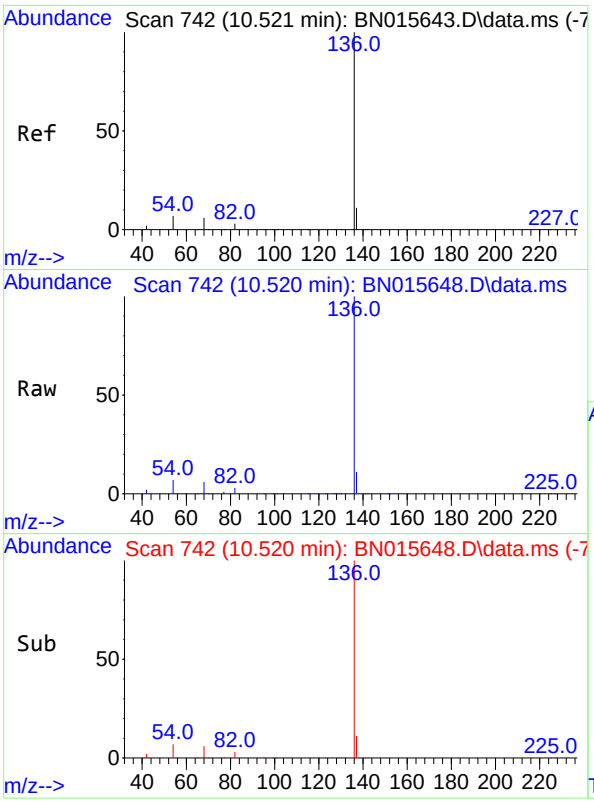
#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.172 min Scan# 444
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion: 93 Resp: 14687

Ion	Ratio	Lower	Upper
93	100		
63	73.8	59.1	88.7
95	32.9	26.3	39.5



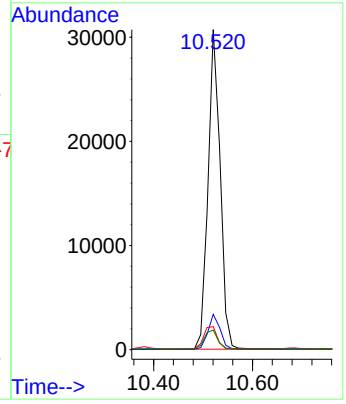
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

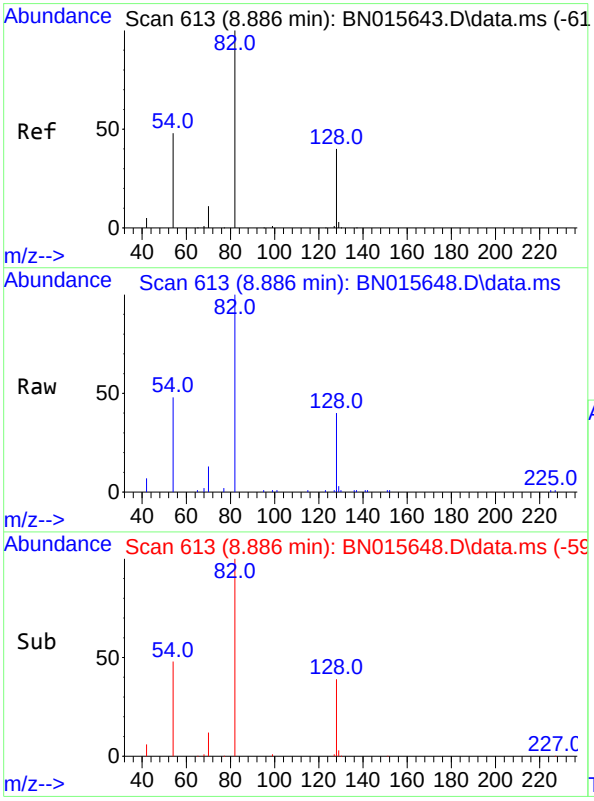


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 742
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:136 Resp: 52412

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	5.7	8.5
68	6.2	4.8	7.2

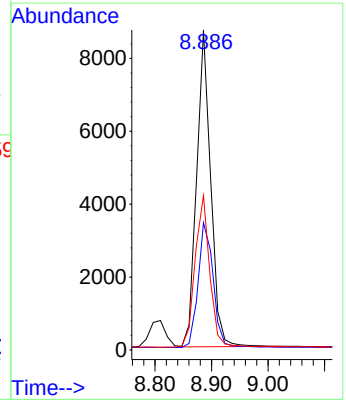




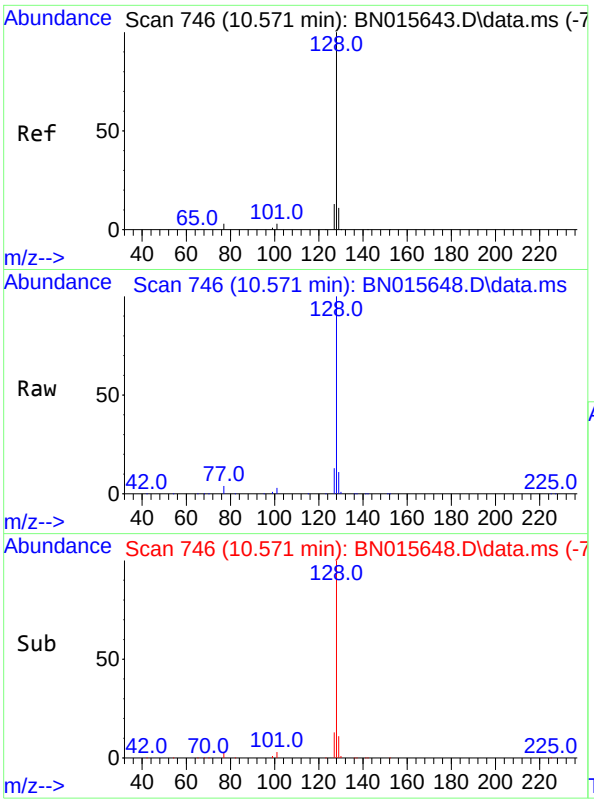
#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.886 min Scan# 613
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion: 82 Resp: 15071

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.4
54	48.3	39.0	58.6



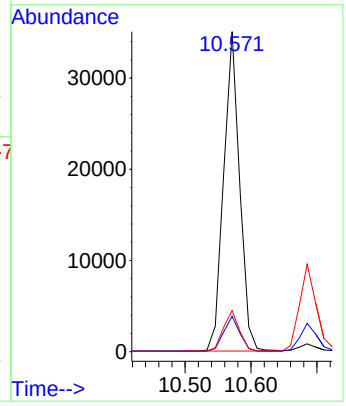
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

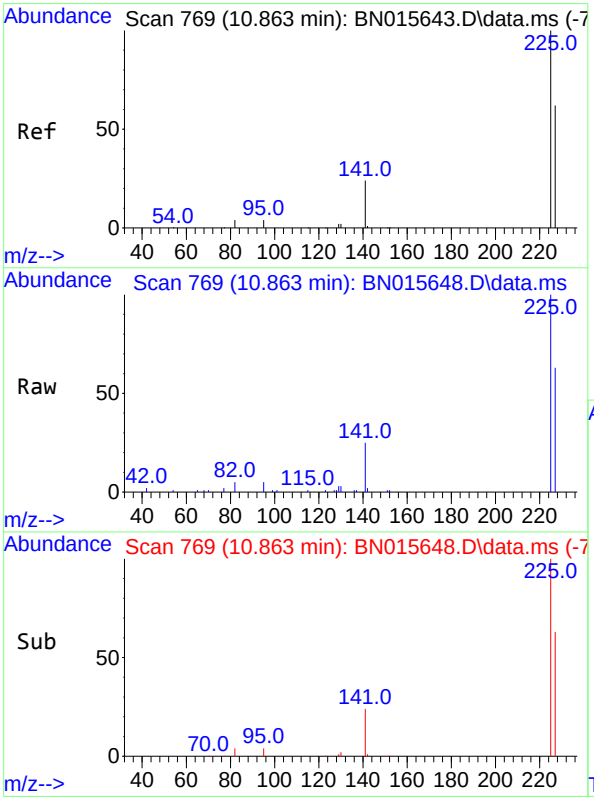


#9
Naphthalene
Concen: 0.381 ng
RT: 10.571 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:128 Resp: 58823

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.4	15.6

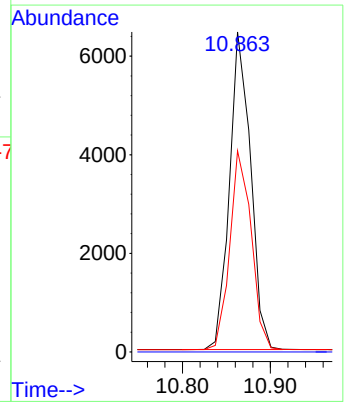




#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 10.863 min Scan# 769
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:225 Resp: 10756

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.1	76.7



Instrument :
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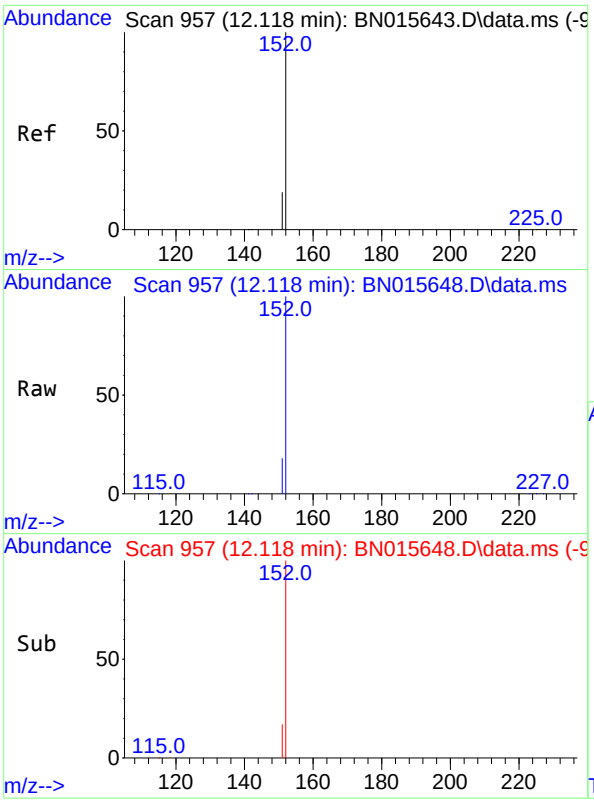
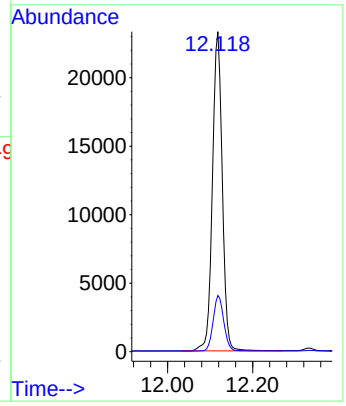
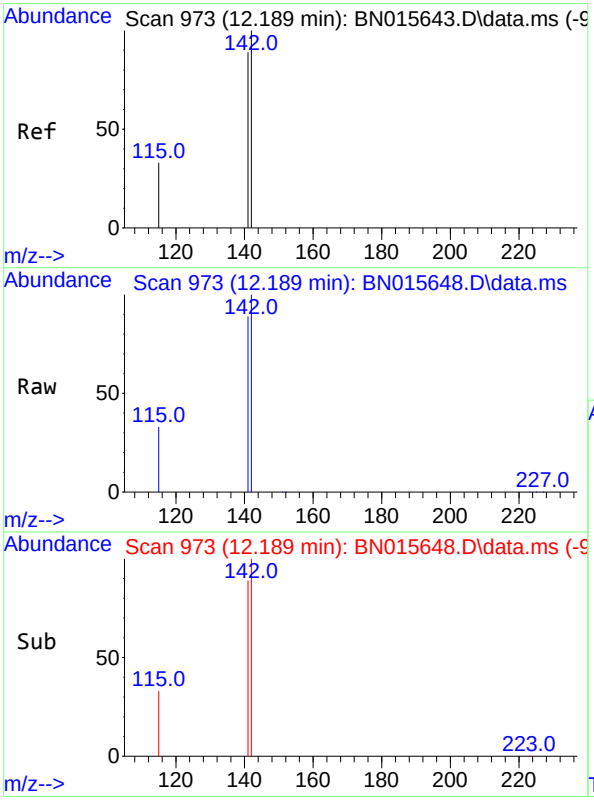


#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.118 min Scan# 957
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:152 Resp: 37340

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

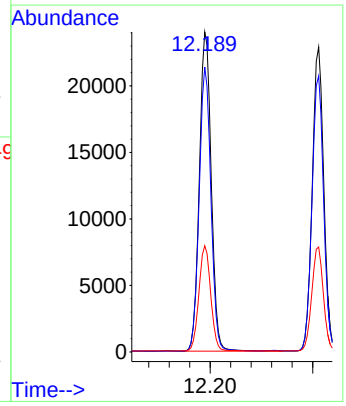




#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:142 Resp: 38532

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7
115	33.2	26.8	40.2



Instrument :
BNA_N
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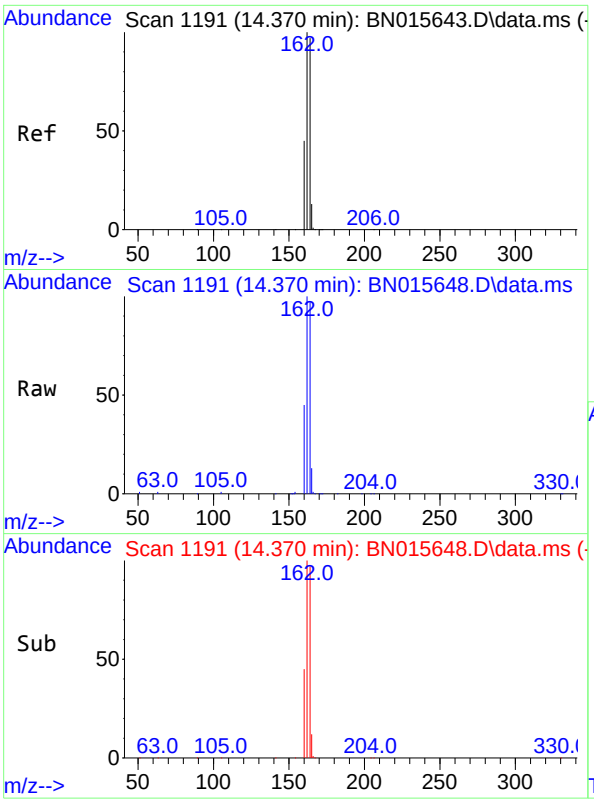
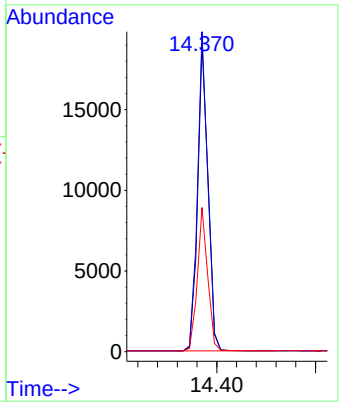
ICVBN072221

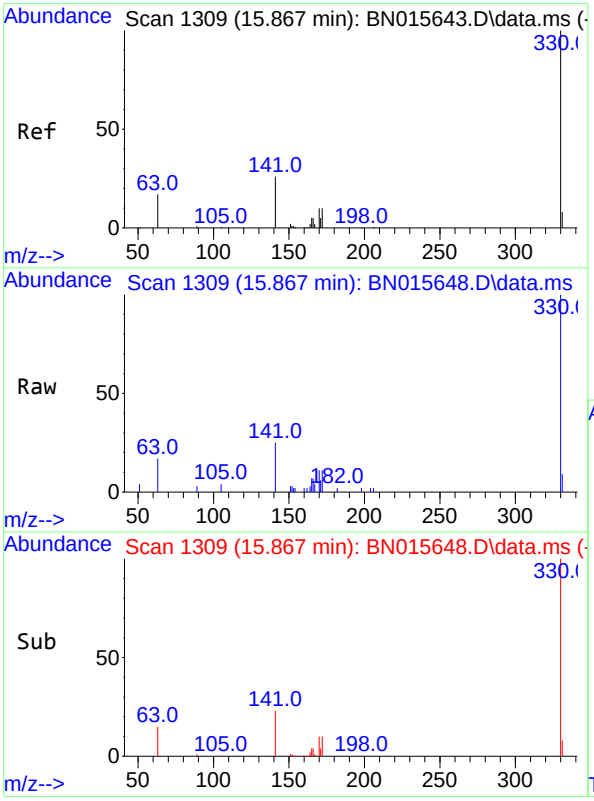


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.370 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:164 Resp: 27988

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	46.7	37.3	55.9

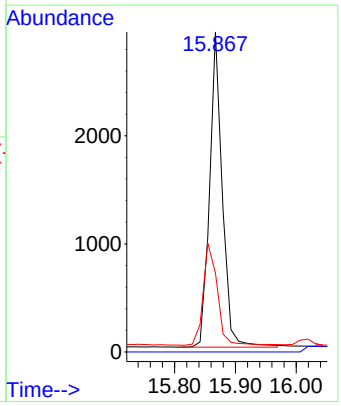




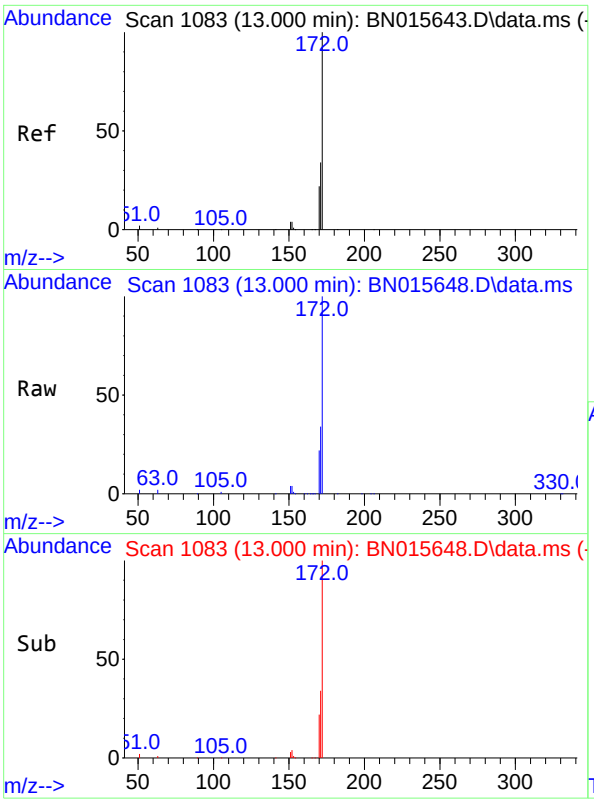
#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.867 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:330 Resp: 4242

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	29.0	43.6



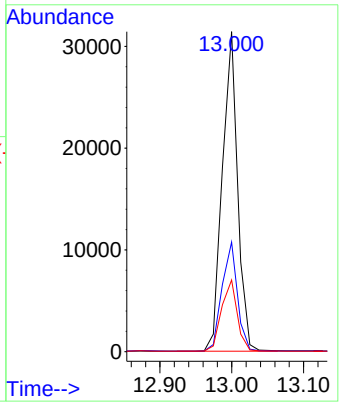
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

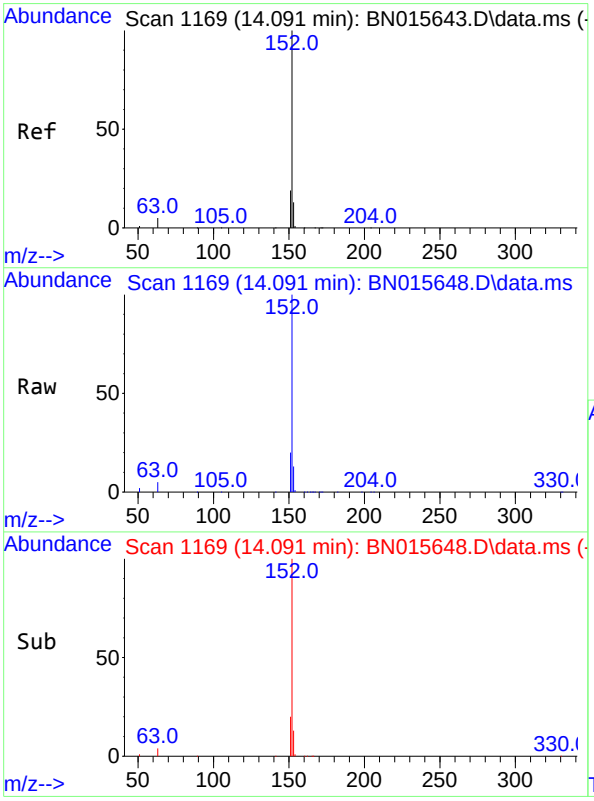


#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.000 min Scan# 1083
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:172 Resp: 46371

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.2	40.8
170	22.4	17.8	26.6

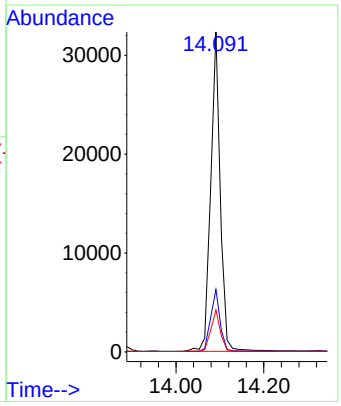




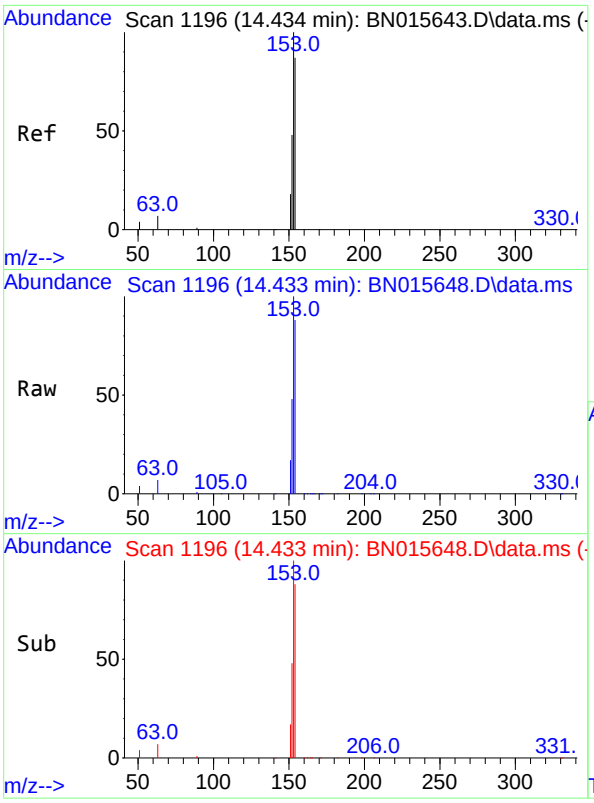
#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.091 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:152 Resp: 48444

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.3	15.5



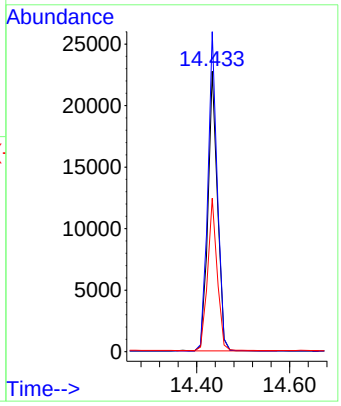
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

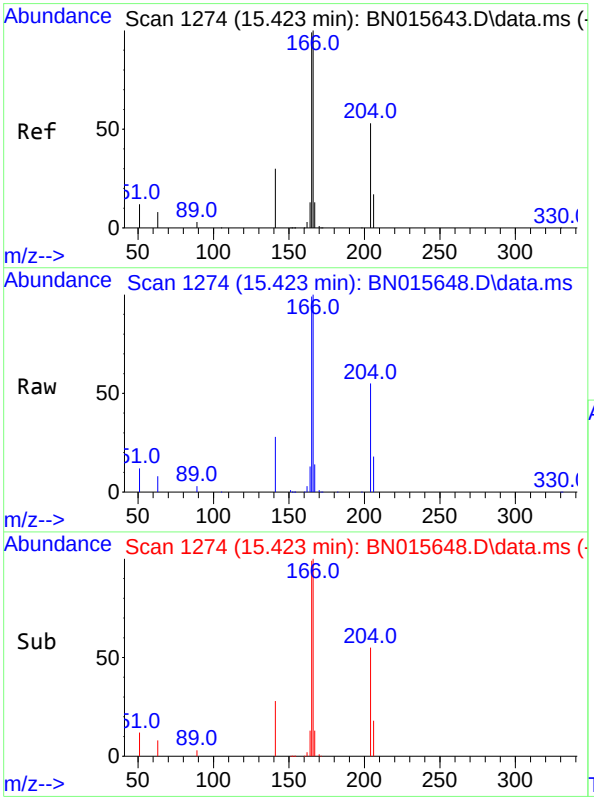


#17
Acenaphthene
Concen: 0.373 ng
RT: 14.433 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:154 Resp: 32645

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.2
152	54.6	43.7	65.5

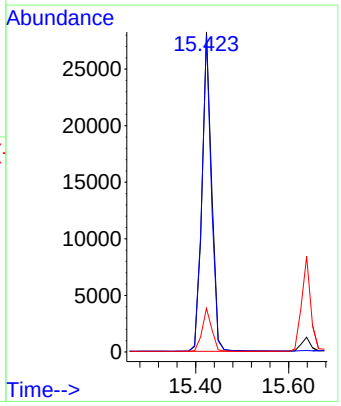




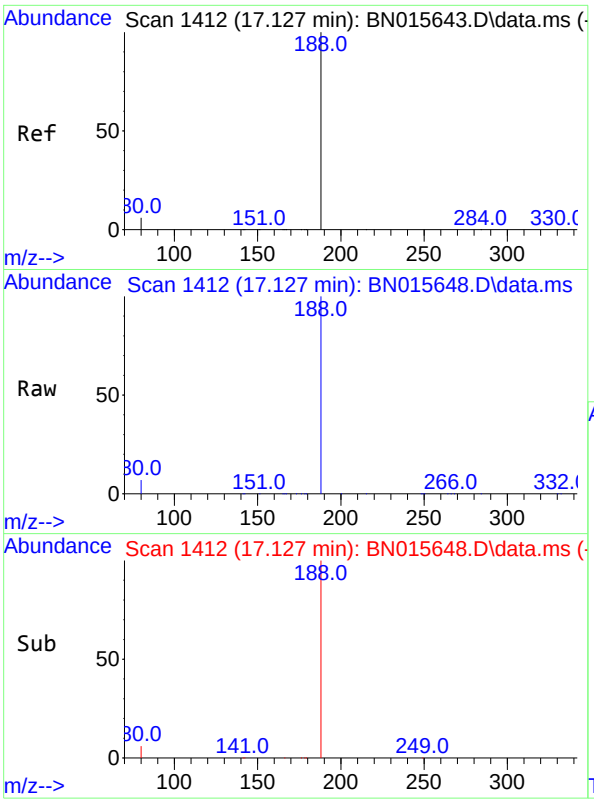
#18
Fluorene
Concen: 0.378 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:166 Resp: 40518

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	13.5	10.7	16.1



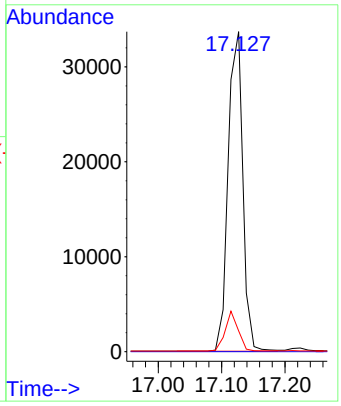
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

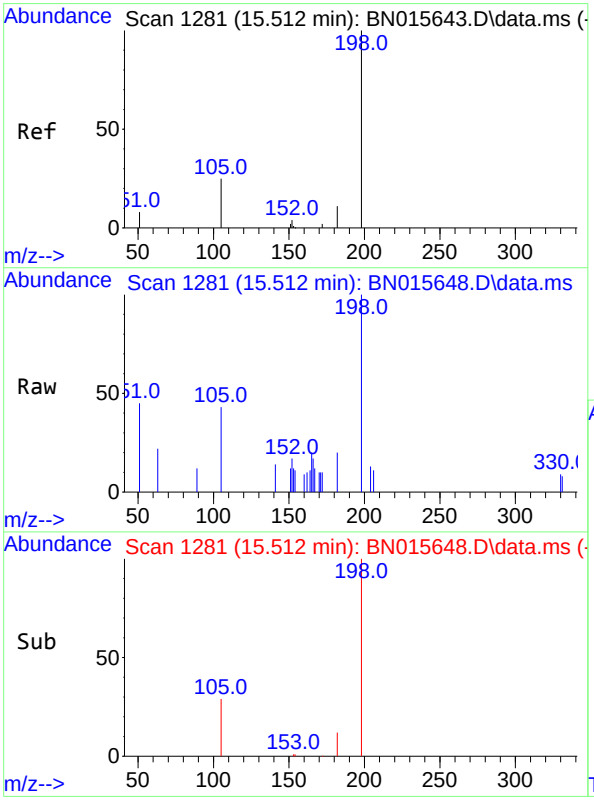


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:188 Resp: 53942

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	5.3	7.9

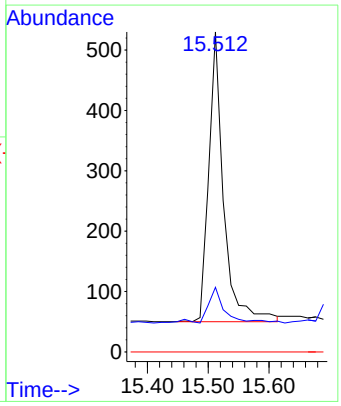




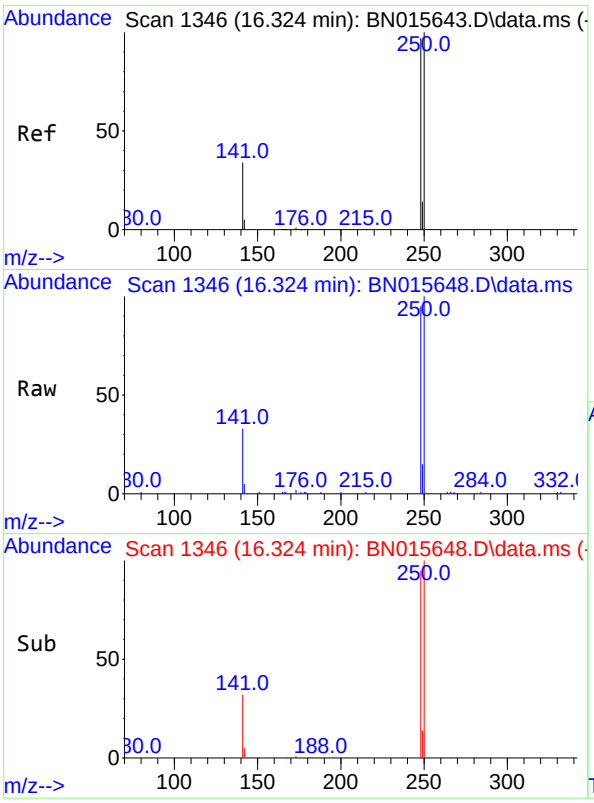
#20
4,6-Dinitro-2-methylphenol
Concen: 0.376 ng
RT: 15.512 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:198 Resp: 813

Ion	Ratio	Lower	Upper
198	100		
182	20.2	14.0	21.0
77	0.0	0.0	0.0



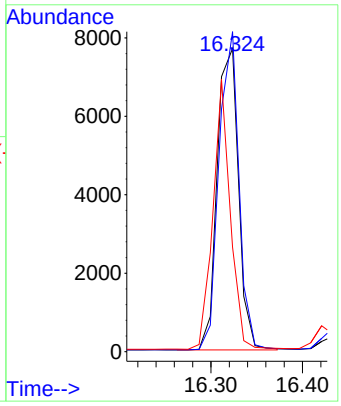
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

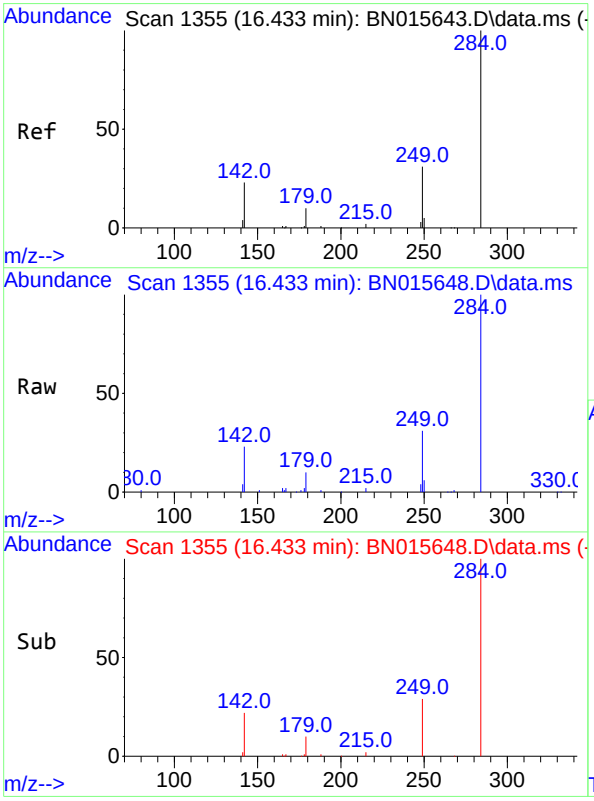


#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:248 Resp: 12468

Ion	Ratio	Lower	Upper
248	100		
250	105.6	82.1	123.1
141	34.4	28.5	42.7

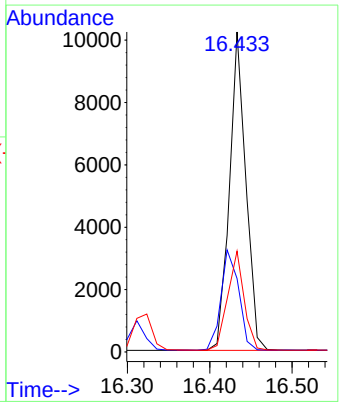




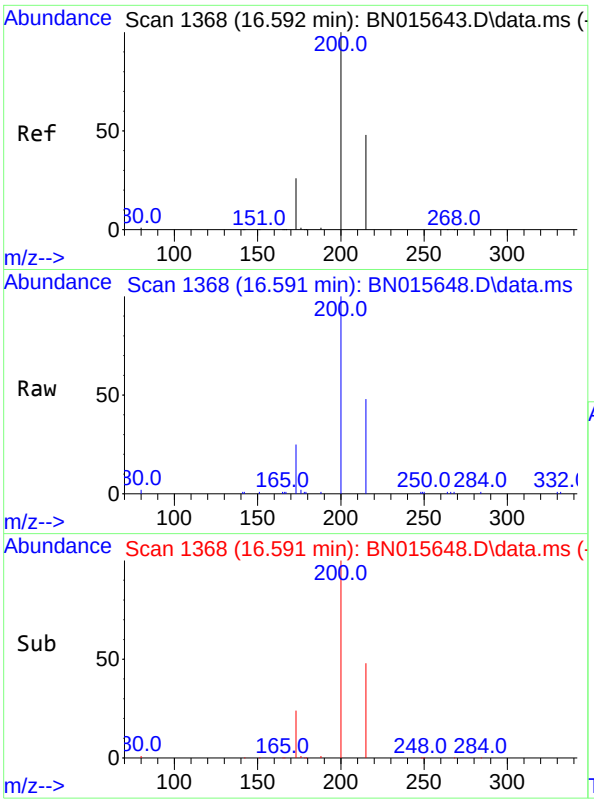
#22
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:284 Resp: 14174

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.1	40.7
249	31.2	24.7	37.1



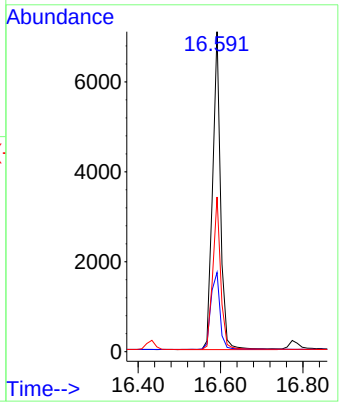
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

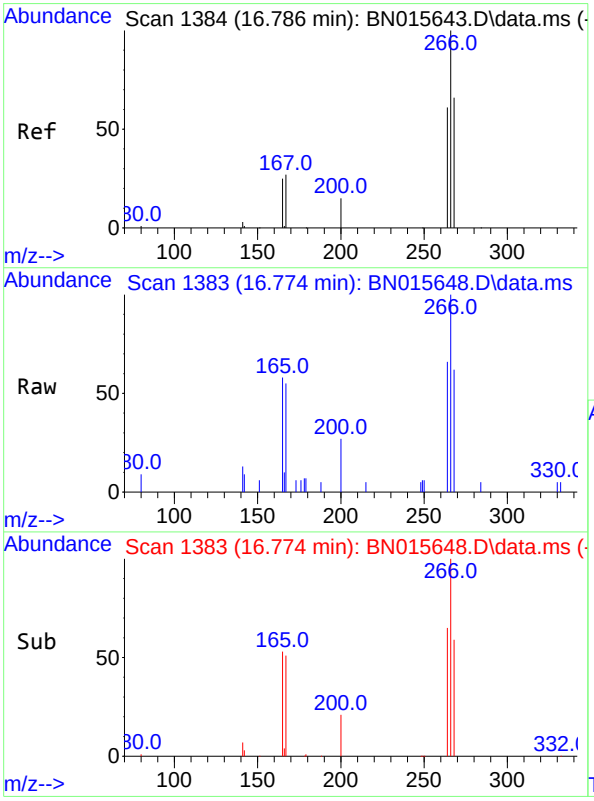


#23
Atrazine
Concen: 0.361 ng
RT: 16.591 min Scan# 1368
Delta R.T. -0.001 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:200 Resp: 9479

Ion	Ratio	Lower	Upper
200	100		
173	24.8	21.2	31.8
215	48.4	38.8	58.2

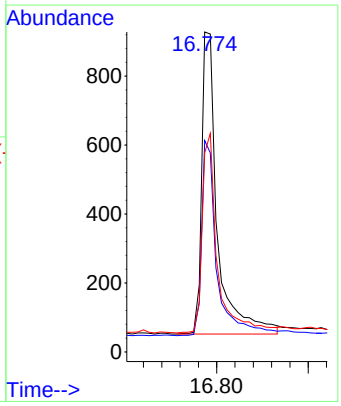




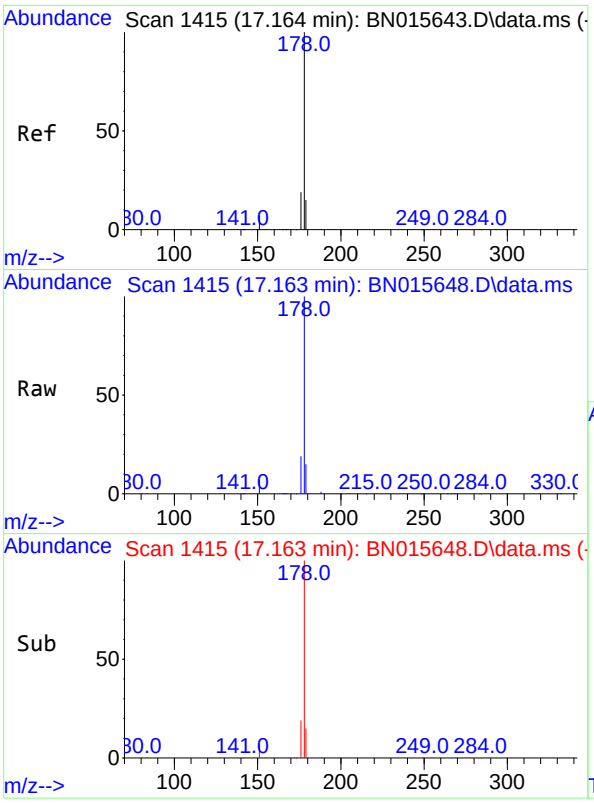
#24
Pentachlorophenol
Concen: 0.417 ng
RT: 16.774 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:266 Resp: 2095

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.4
268	63.2	51.6	77.4



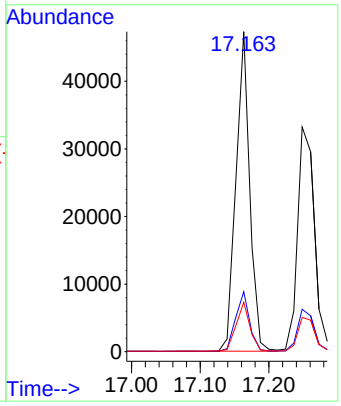
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

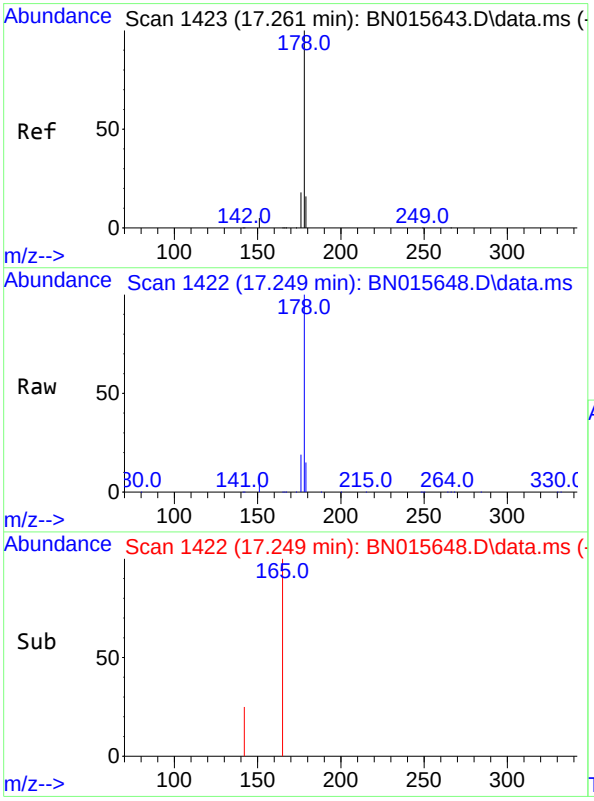


#25
Phenanthrene
Concen: 0.384 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:178 Resp: 66011

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.3	18.5

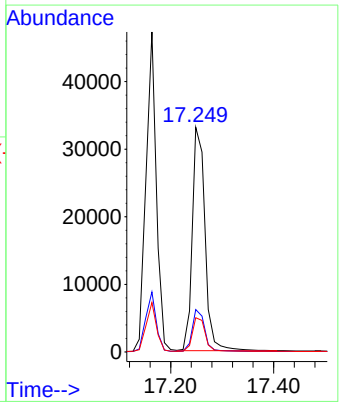




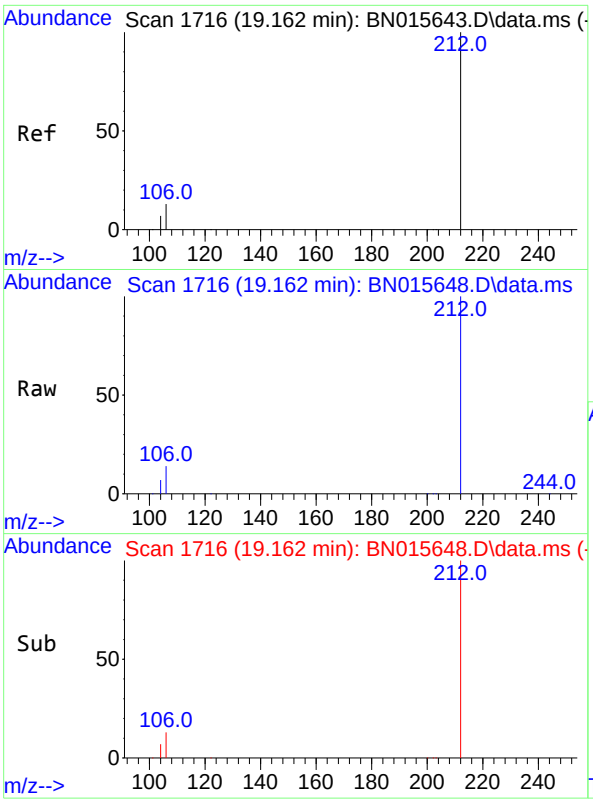
#26
Anthracene
Concen: 0.376 ng
RT: 17.249 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:178 Resp: 56905

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.3	12.2	18.4



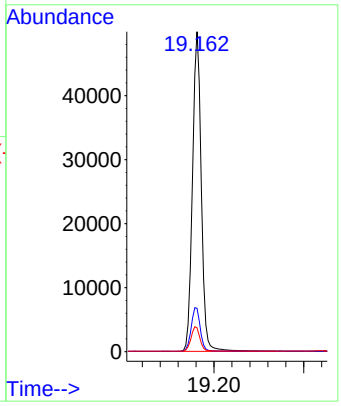
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

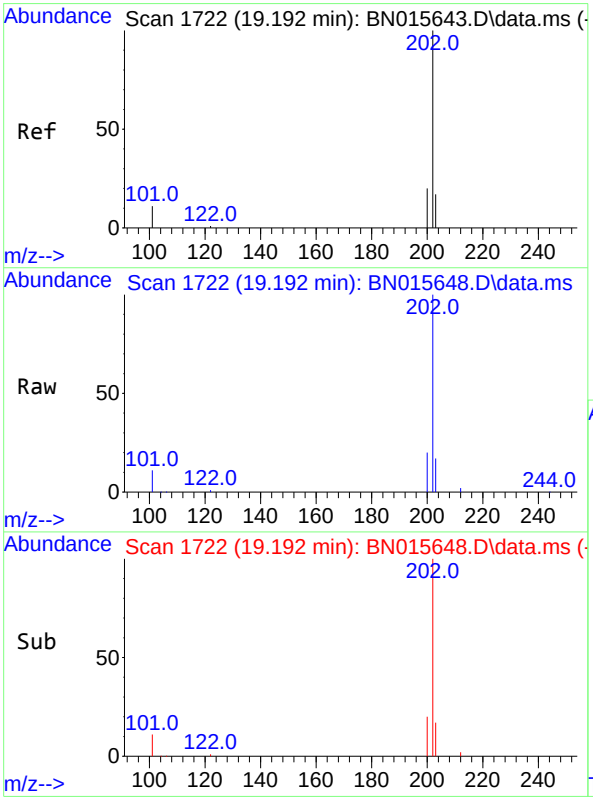


#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.162 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:212 Resp: 68282

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.3	16.9
104	7.8	6.1	9.1

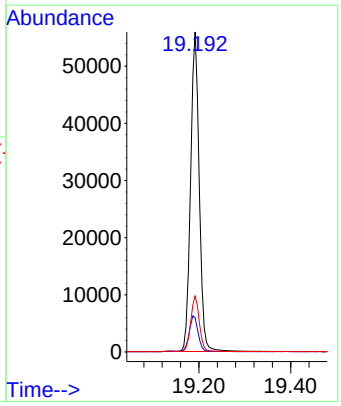




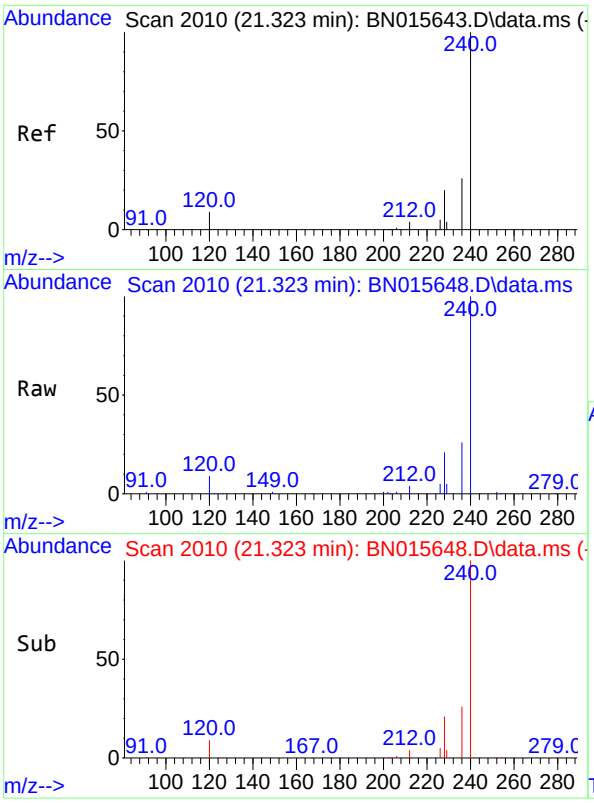
#28
Fluoranthene
Concen: 0.379 ng
RT: 19.192 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:202 Resp: 73215

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.3	13.8	20.6



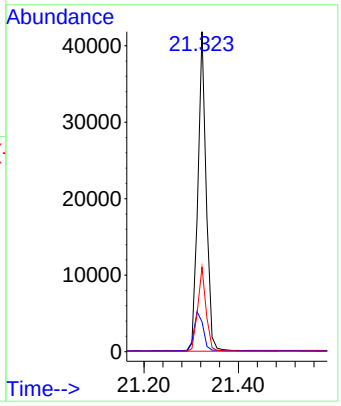
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

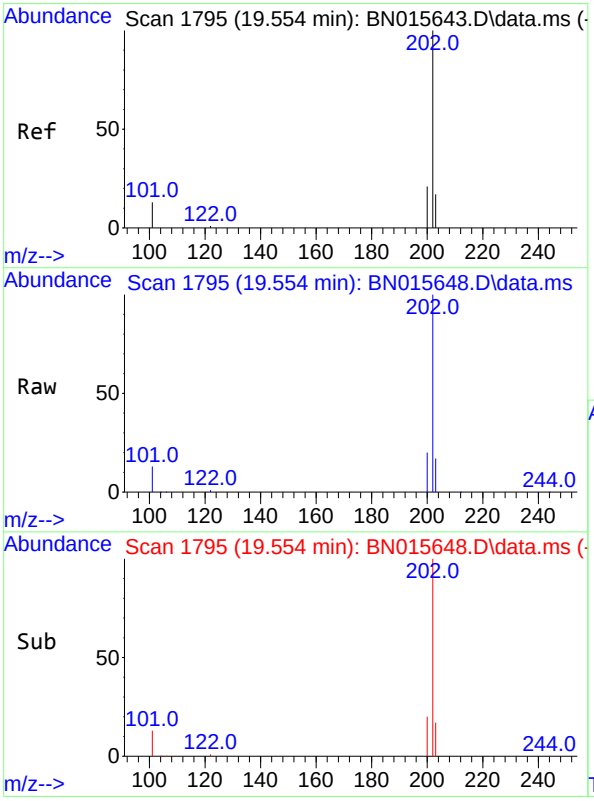


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:240 Resp: 51400

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.1	10.7
236	26.4	20.7	31.1

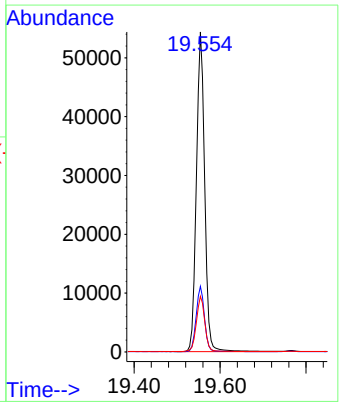




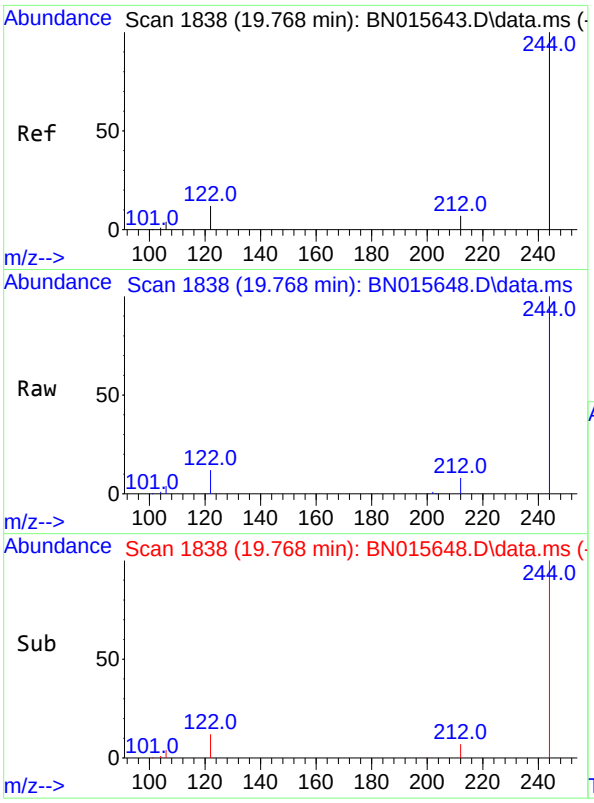
#30
Pyrene
Concen: 0.372 ng
RT: 19.554 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:202 Resp: 72497

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.6	13.9	20.9



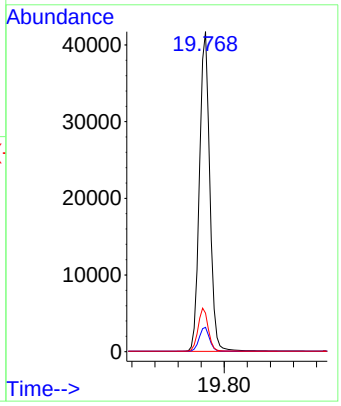
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

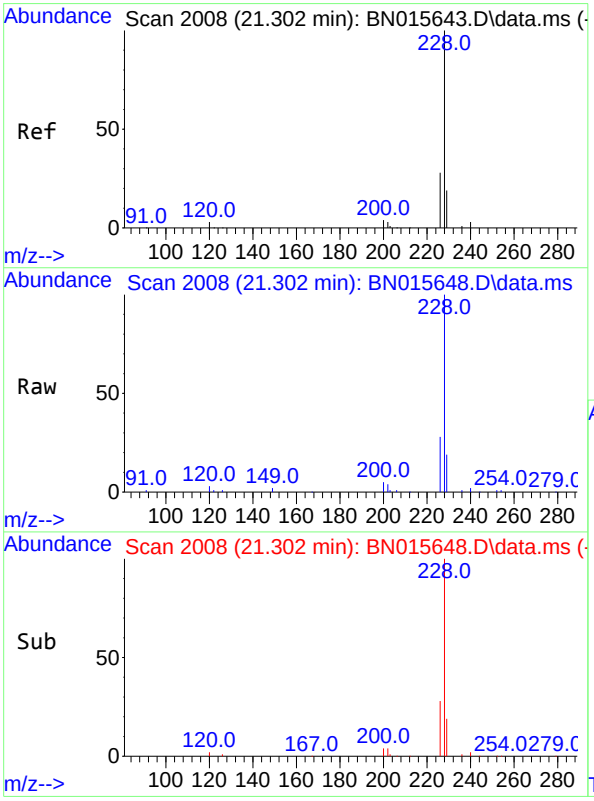


#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.768 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:244 Resp: 51681

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.1	9.4	14.2

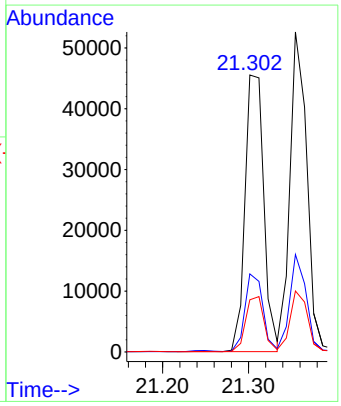




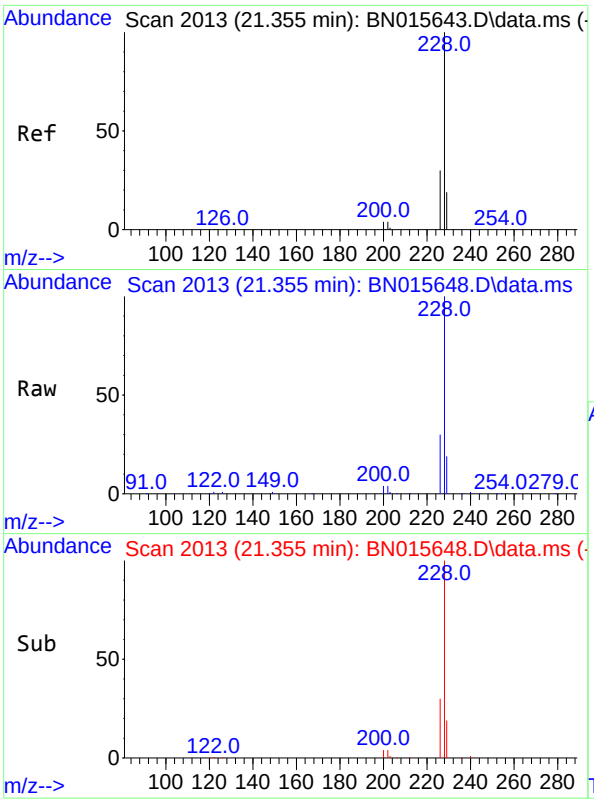
#32
Benzo(a)anthracene
Concen: 0.369 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:228 Resp: 69311

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	18.8	15.3	22.9



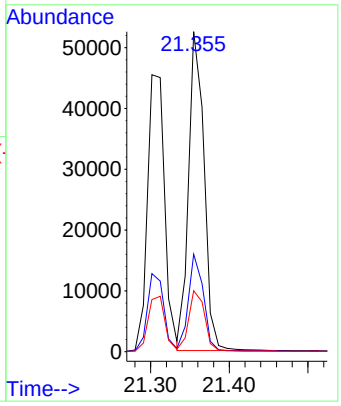
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

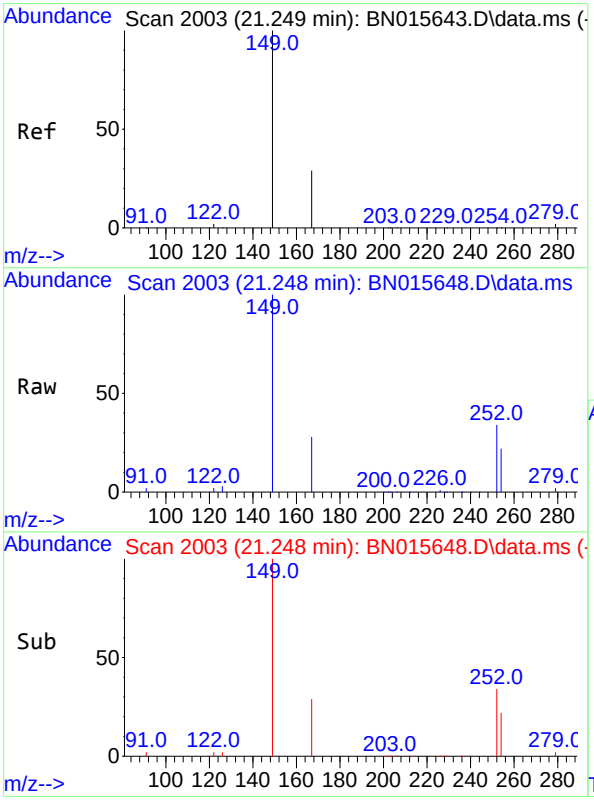


#33
Chrysene
Concen: 0.382 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:228 Resp: 71721

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.1	15.5	23.3

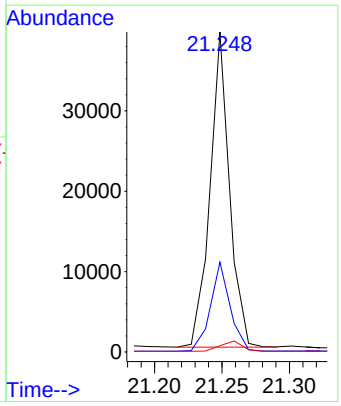




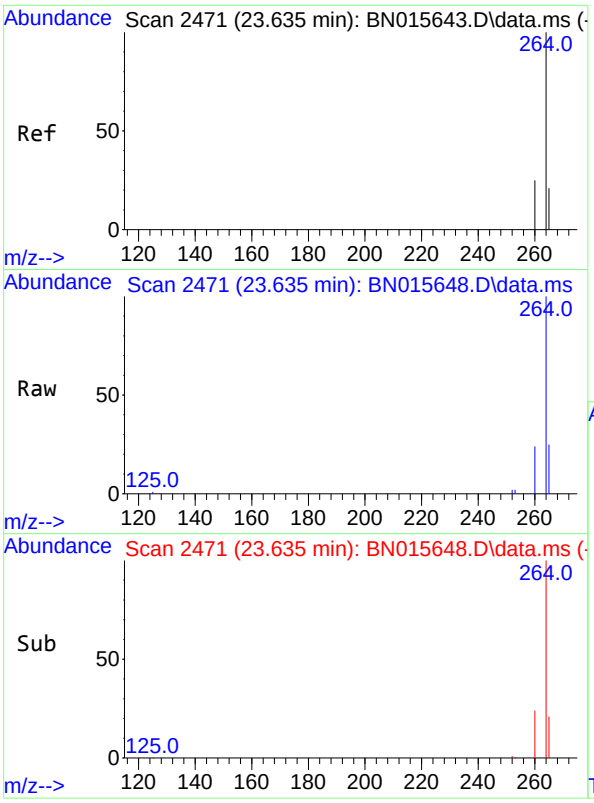
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.368 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:149 Resp: 39350

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	3.7	2.9	4.3



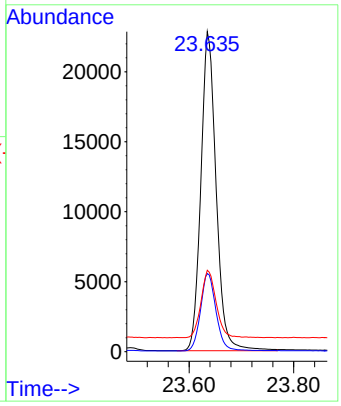
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

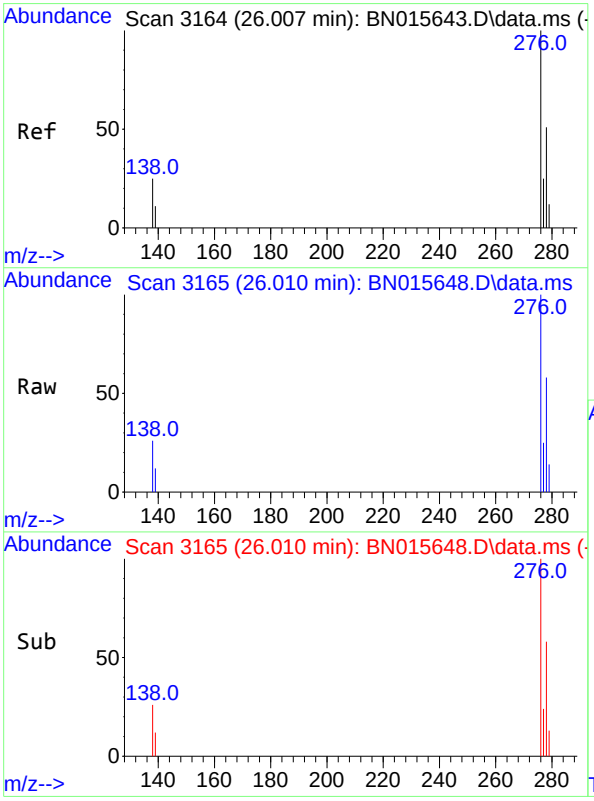


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.635 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:264 Resp: 46203

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	25.5	20.0	30.0

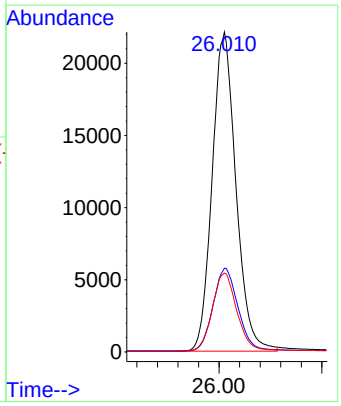




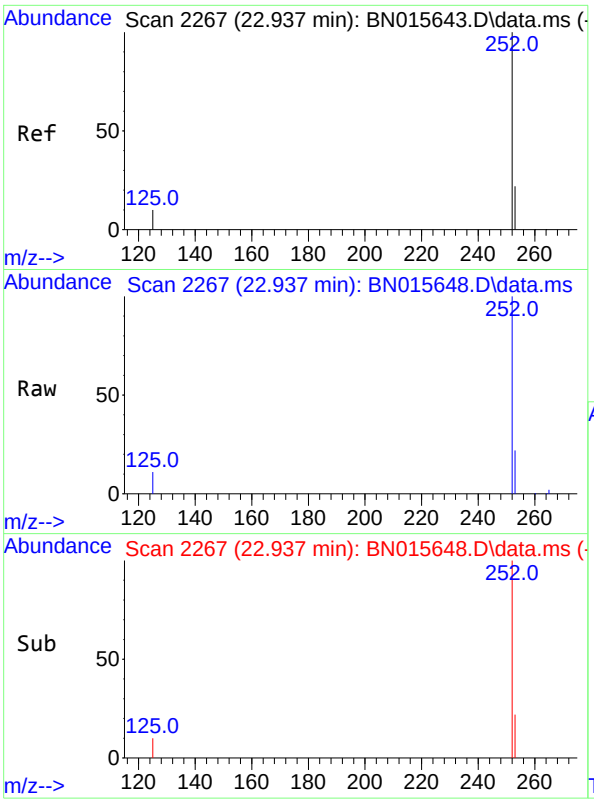
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 26.010 min Scan# 3165
Delta R.T. 0.003 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:276 Resp: 70863

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	25.0	20.0	30.0



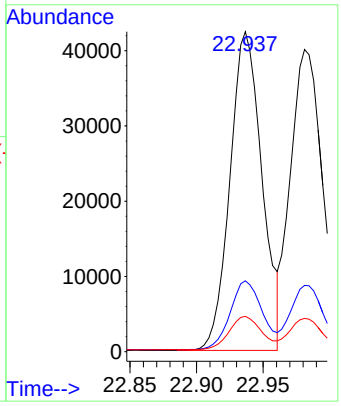
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

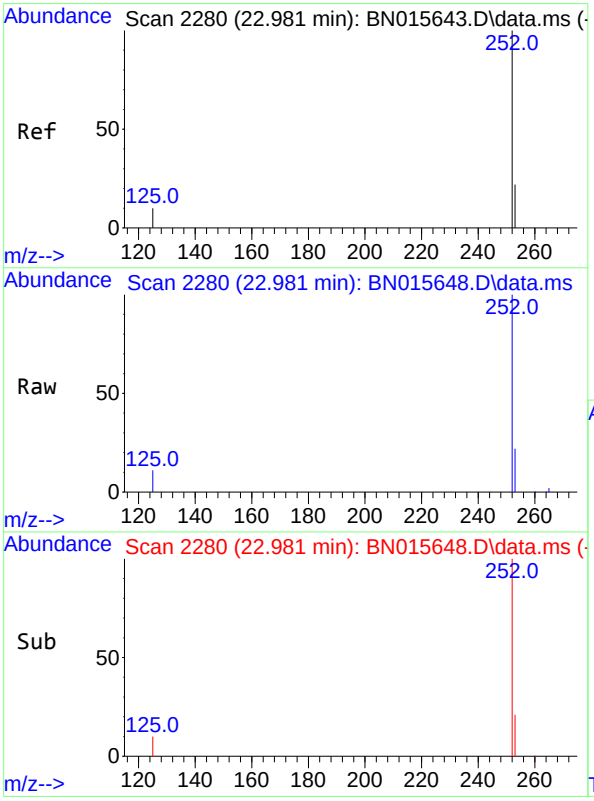


#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.937 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:252 Resp: 70919

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.0	8.9	13.3

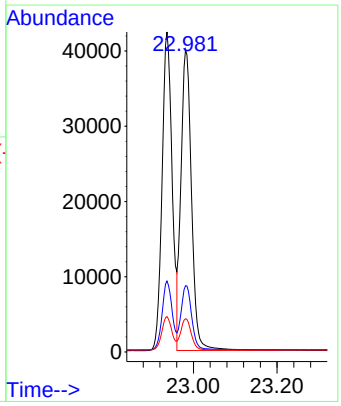




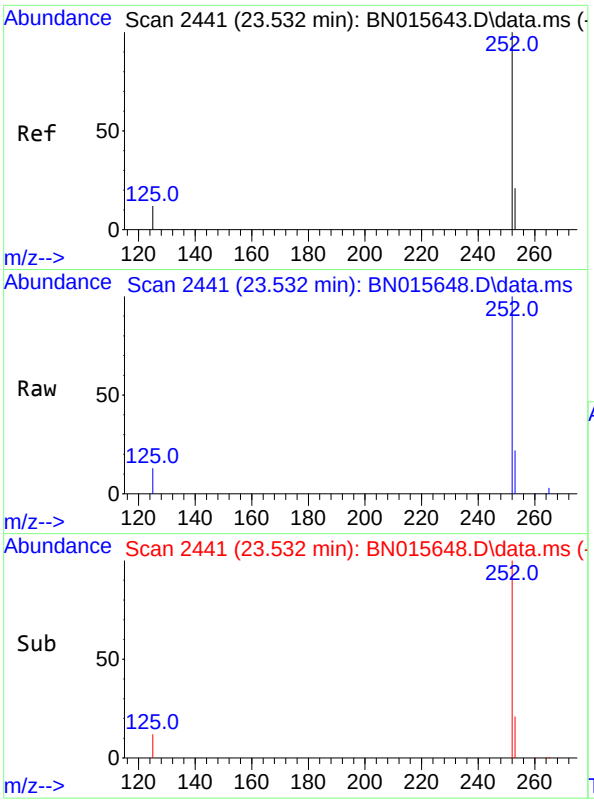
#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.981 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:252 Resp: 69793

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.0	8.9	13.3



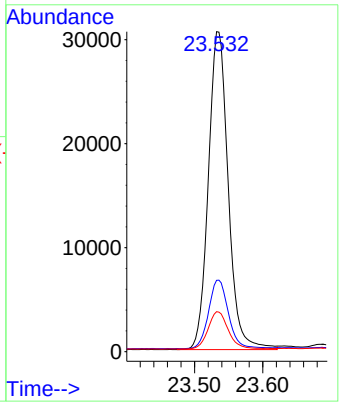
Instrument :
BNA_N
ClientSampleId :
ICVBN072221

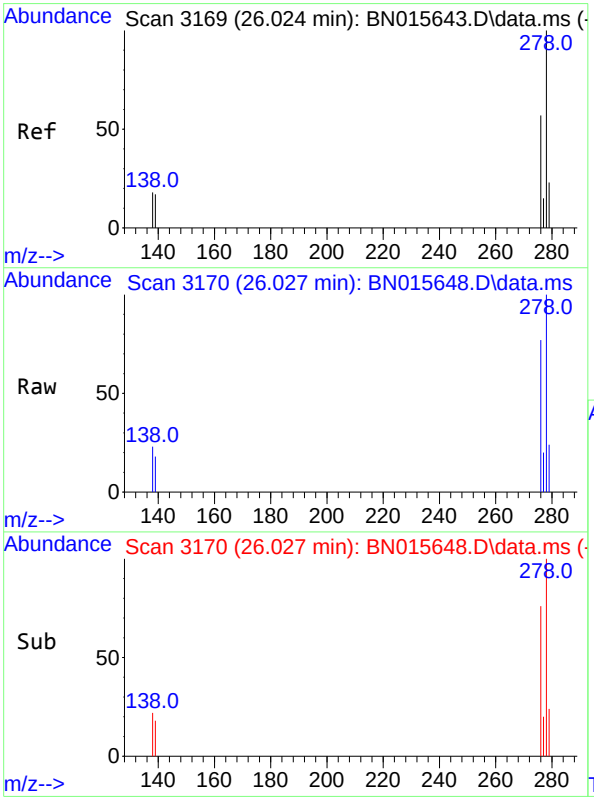


#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.532 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:252 Resp: 62027

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.5	10.1	15.1

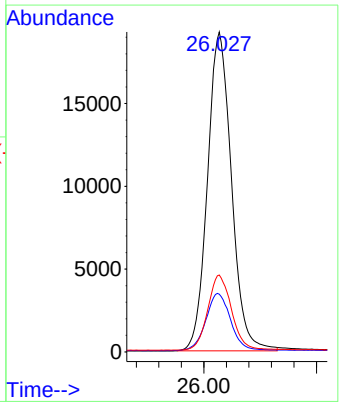


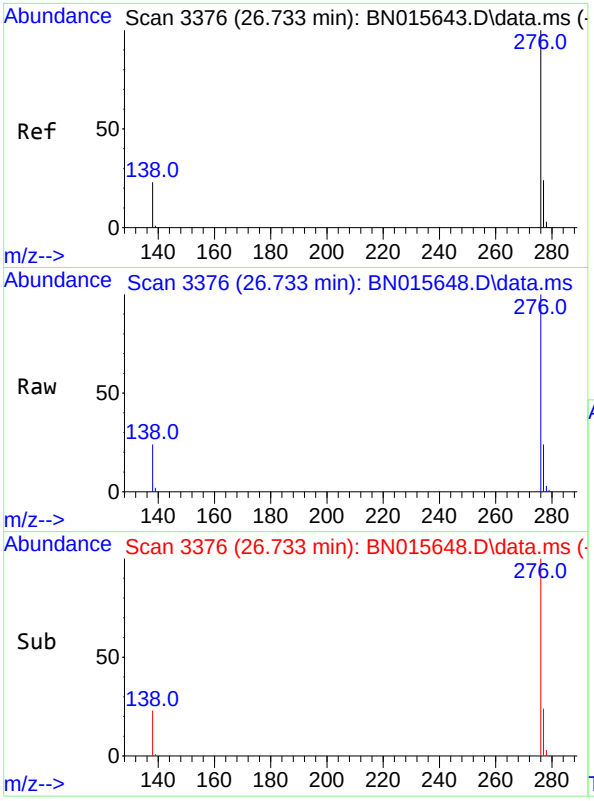


#40
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 26.027 min Scan# 3170
Delta R.T. 0.003 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:278 Resp: 56935

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.7	22.1
279	24.0	19.0	28.6

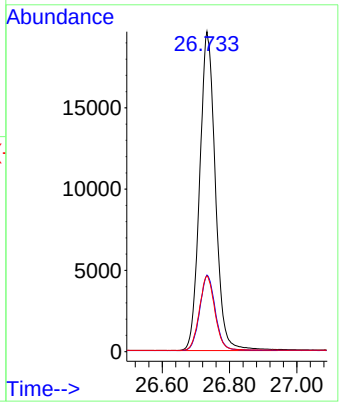




#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.733 min Scan# 3376
Delta R.T. -0.000 min
Lab File: BN015648.D
Acq: 21 Jul 2021 16:49

Tgt Ion:276 Resp: 63459

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	23.7	18.5	27.7



Instrument :
BNA_N
ClientSampleId :
ICVBN072221