Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016756.D
Acq On : 05 Oct 2021 22:26
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 06 00:59:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26508	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	115518	0.400	ng	#	0.00
13) Acenaphthene-d10	14.269	164	58706	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	111153	0.400	ng		0.00
29) Chrysene-d12	21.238	240	113926	0.400	ng	#	0.00
35) Perylene-d12	23.484	264	122841	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	25594	0.378	ng		0.00
5) Phenol-d6	6.822	99	28286	0.377	ng		0.00
8) Nitrobenzene-d5	8.784	82	28857	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	63479	0.369	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	9911	0.410	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	90536	0.386	ng		-0.01
27) Fluoranthene-d10	19.068	212	113178	0.372	ng		0.00
31) Terphenyl-d14	19.678	244	97016	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	4727	0.382	ng	#	64
3) n-Nitrosodimethylamine	3.576	42	7622	0.382	ng		98
6) bis(2-Chloroethyl)ether	7.080	93	28445	0.395	ng		100
9) Naphthalene	10.457	128	118804	0.376	ng		100
10) Hexachlorobutadiene	10.749	225	22599	0.383	ng	#	100
12) 2-Methylnaphthalene	12.078	142	76004	0.379	ng		99
16) Acenaphthylene	13.990	152	94099	0.363	ng		100
17) Acenaphthene	14.332	154	64552	0.377	ng		100
18) Fluorene	15.322	166	77537	0.375	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	2032	0.483	ng	#	71
21) 4-Bromophenyl-phenylether	16.227	248	24952	0.369	ng	#	89
22) Hexachlorobenzene	16.336	284	29253	0.381	ng		100
23) Atrazine	16.506	200	17579	0.328	ng		97
24) Pentachlorophenol	16.677	266	9402	0.590	ng		99
25) Phenanthrene	17.066	178	124260	0.380	ng		100
26) Anthracene	17.151	178	104896	0.359	ng		100
28) Fluoranthene	19.098	202	141851	0.391	ng		100
30) Pyrene	19.460	202	142702	0.381	ng		100
32) Benzo(a)anthracene	21.217	228	139067	0.394	ng		98
33) Chrysene	21.270	228	143389	0.400	ng		98
34) Bis(2-ethylhexyl)phtha...	21.164	149	57572	0.269	ng		100
36) Indeno(1,2,3-cd)pyrene	25.768	276	176243	0.452	ng		98
37) Benzo(b)fluoranthene	22.807	252	153060	0.385	ng		99
38) Benzo(k)fluoranthene	22.851	252	155930	0.409	ng	#	97
39) Benzo(a)pyrene	23.385	252	139436	0.392	ng		99
40) Dibenzo(a,h)anthracene	25.788	278	142242	0.460	ng		99
41) Benzo(g,h,i)perylene	26.462	276	149473	0.432	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016756.D
Acq On : 05 Oct 2021 22:26
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 06 00:59:37 2021
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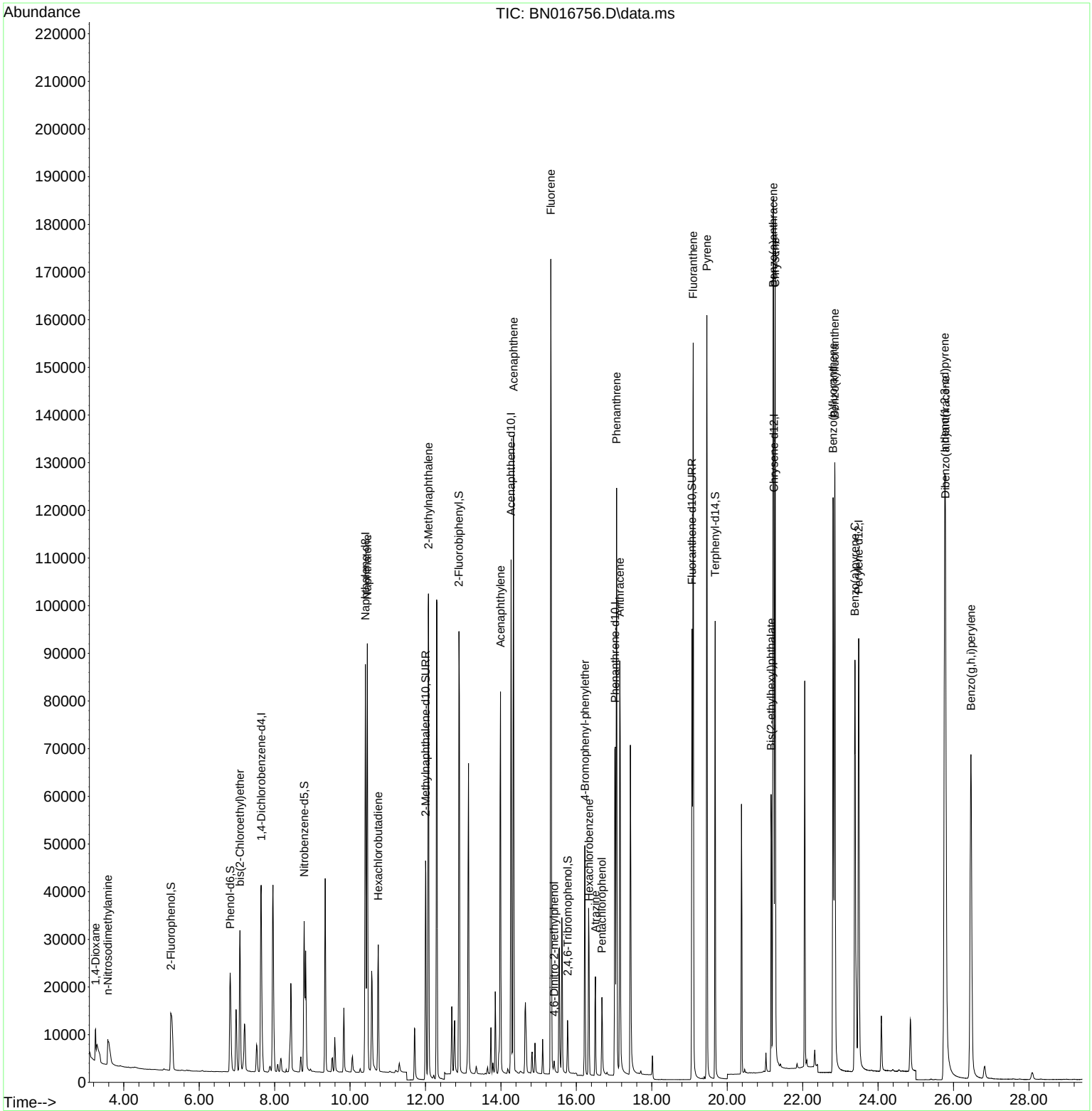
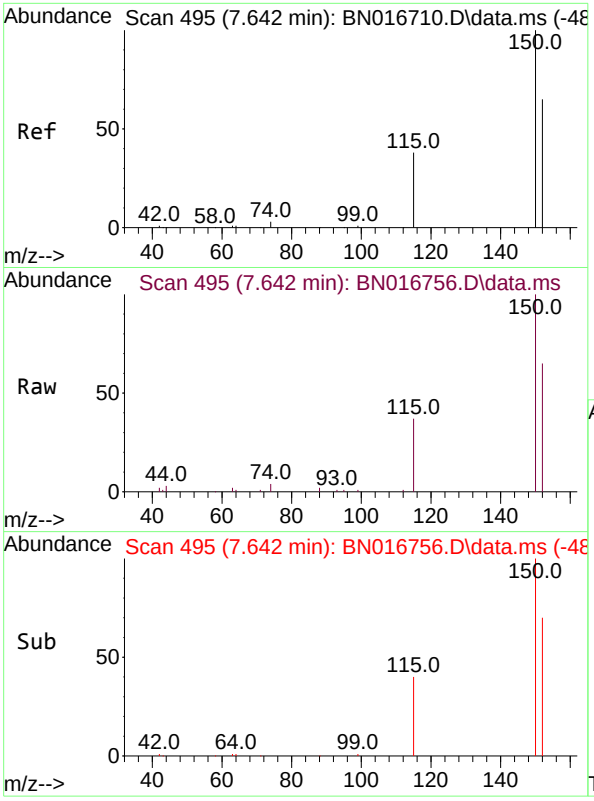
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

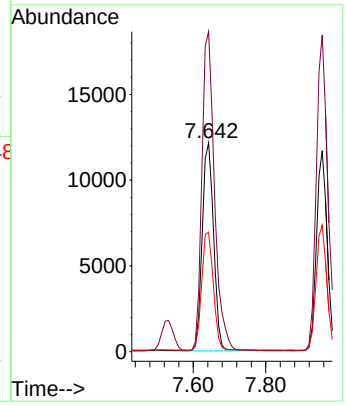




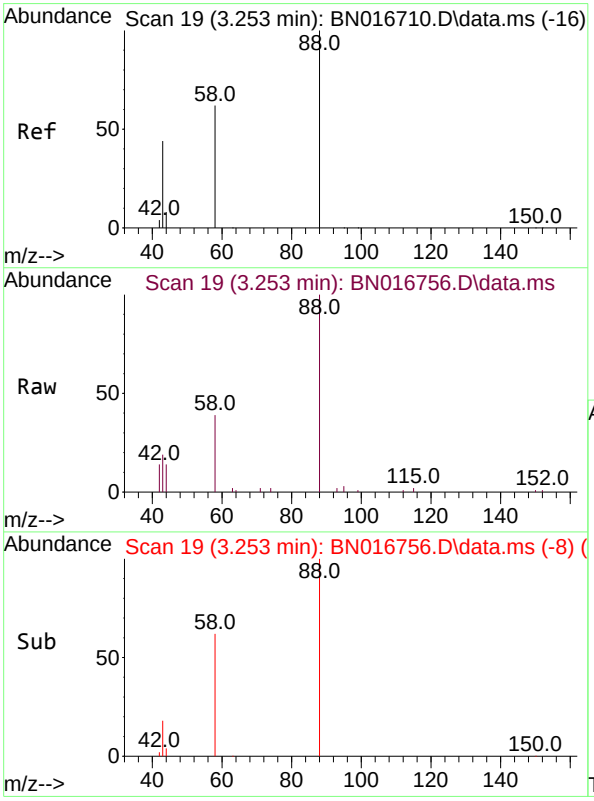
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:152 Resp: 26508

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.3	184.9
115	57.2	47.0	70.6



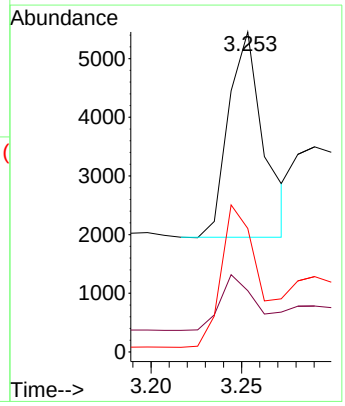
Instrument :
BNA_N
ClientSampleId :



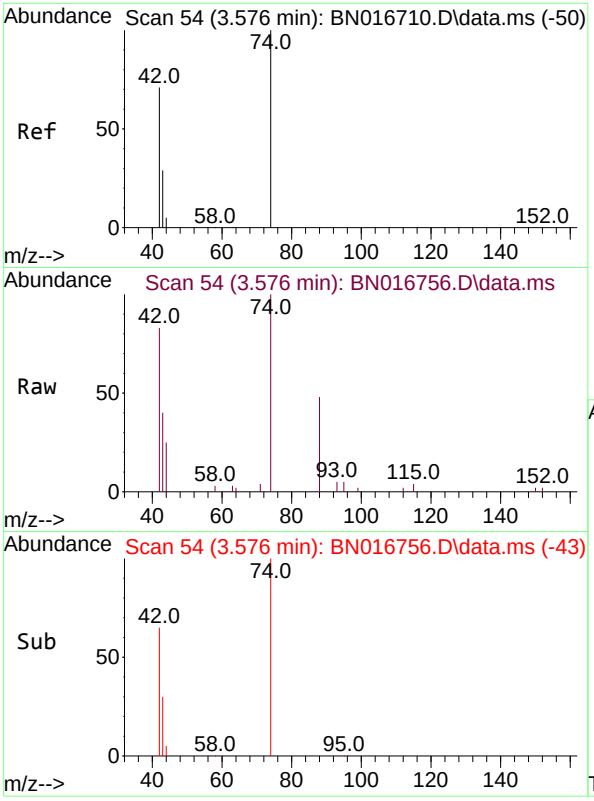
#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion: 88 Resp: 4727

Ion	Ratio	Lower	Upper
88	100		
43	25.5	61.7	92.5#
58	67.6	62.2	93.2



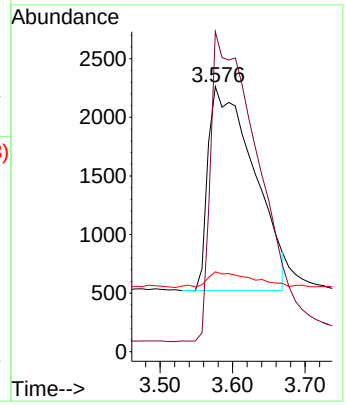
Instrument :
BNA_N
ClientSampleId :

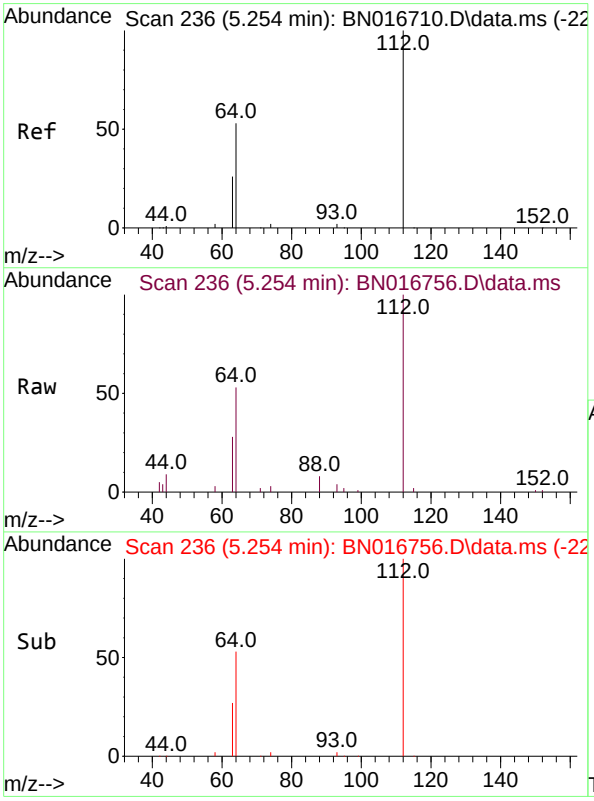


#3
n-Nitrosodimethylamine
Concen: 0.382 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion: 42 Resp: 7622

Ion	Ratio	Lower	Upper
42	100		
74	152.8	124.0	186.0
44	7.6	5.6	8.4

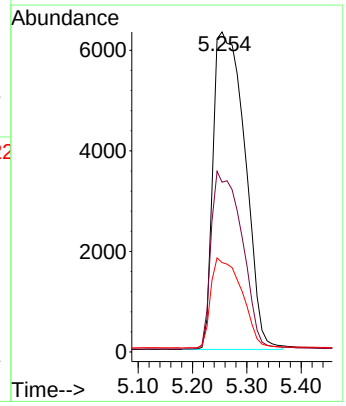




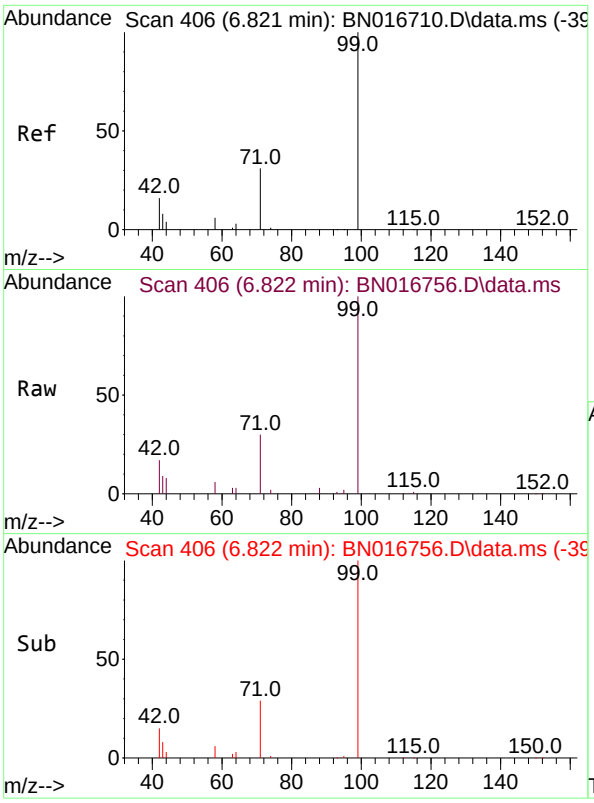
#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:112 Resp: 25594

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.9	64.3
63	27.6	21.5	32.3



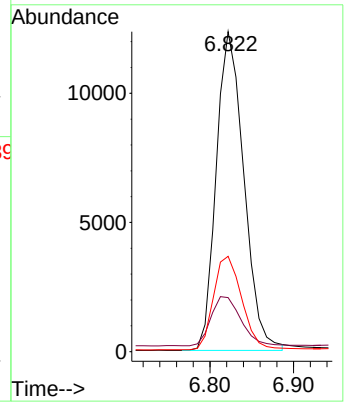
Instrument :
BNA_N
ClientSampleId :

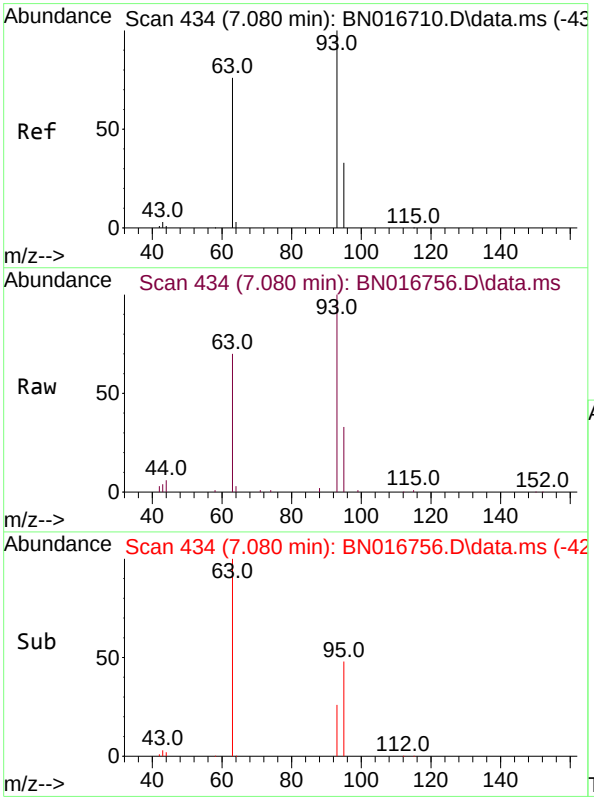


#5
Phenol-d6
Concen: 0.377 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion: 99 Resp: 28286

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	30.1	24.0	36.0

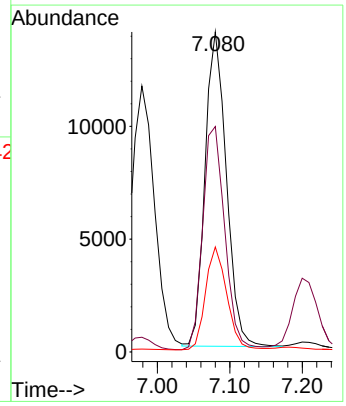


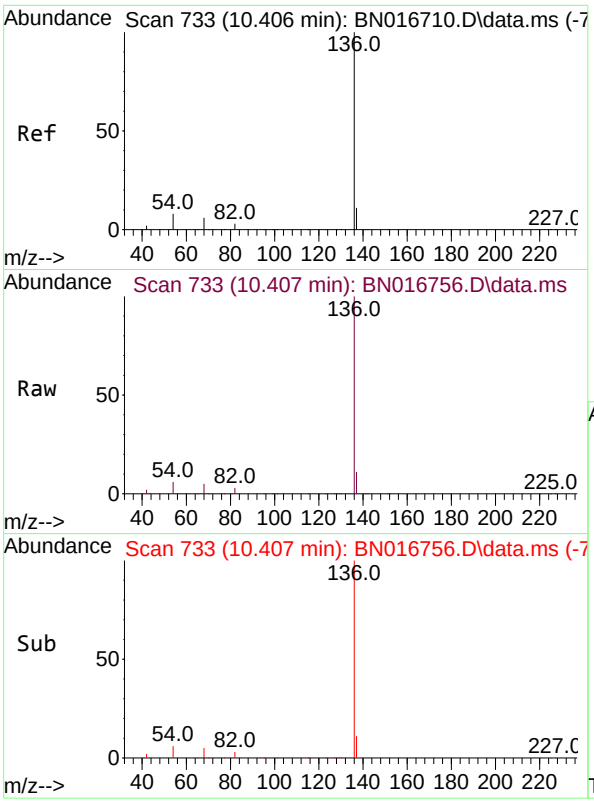


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion: 93 Resp: 28445

Ion	Ratio	Lower	Upper
93	100		
63	73.9	59.0	88.6
95	32.6	26.4	39.6

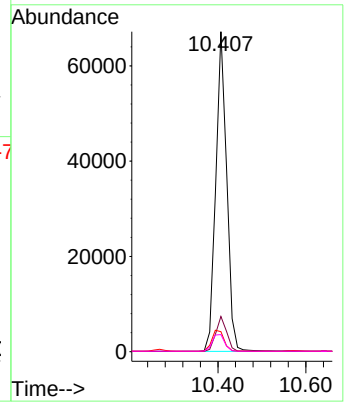


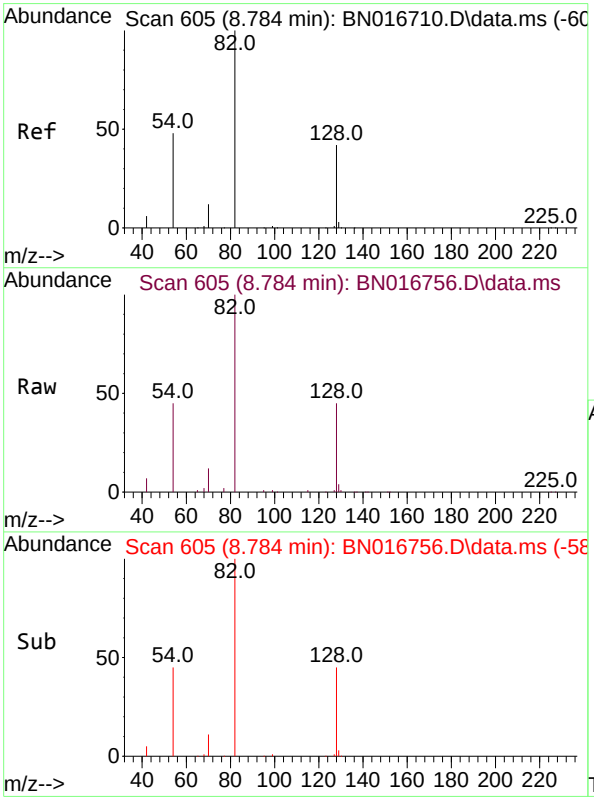


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:136 Resp: 115518

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.5	9.7#
68	5.4	5.3	7.9

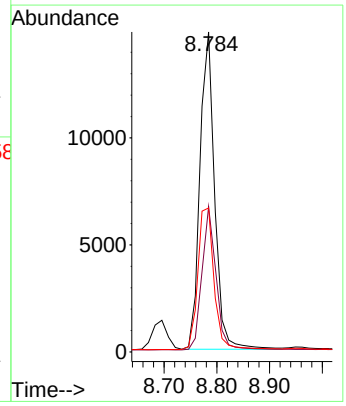




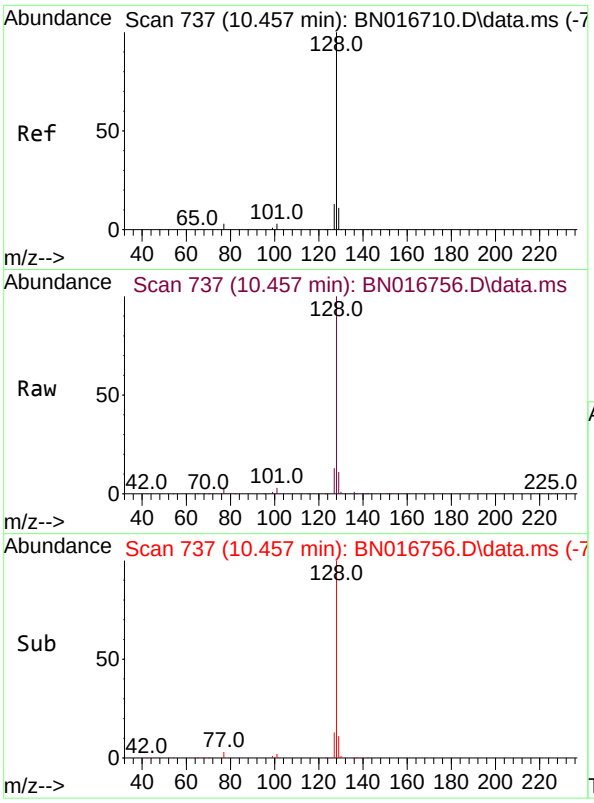
#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion: 82 Resp: 28857

Ion	Ratio	Lower	Upper
82	100		
128	45.5	33.8	50.6
54	45.0	38.5	57.7



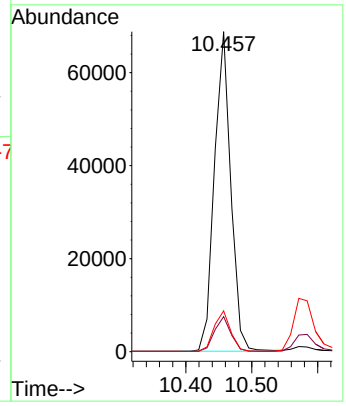
Instrument :
BNA_N
ClientSampleId :



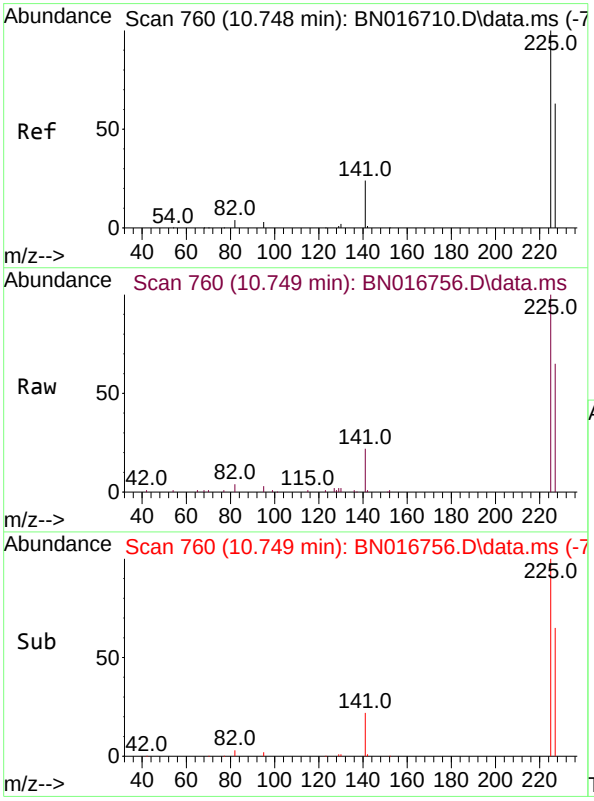
#9
Naphthalene
Concen: 0.376 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:128 Resp: 118804

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.7	10.3	15.5



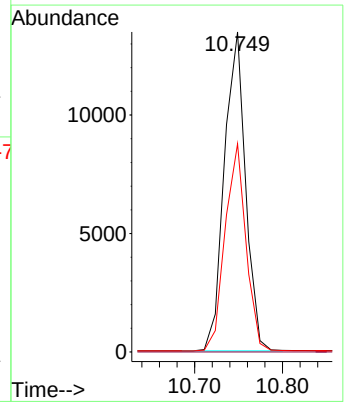
Instrument :
BNA_N
ClientSampleId :

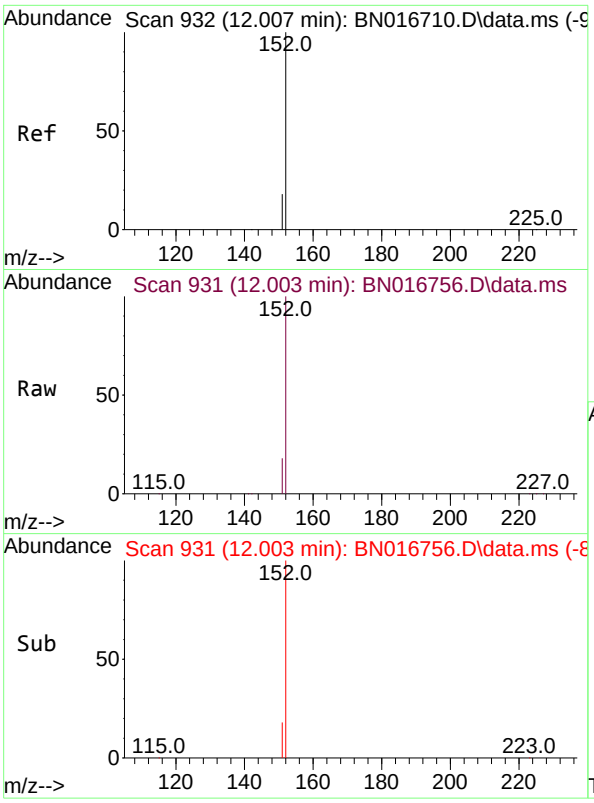


#10
Hexachlorobutadiene
Concen: 0.383 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:225 Resp: 22599

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.1	76.7

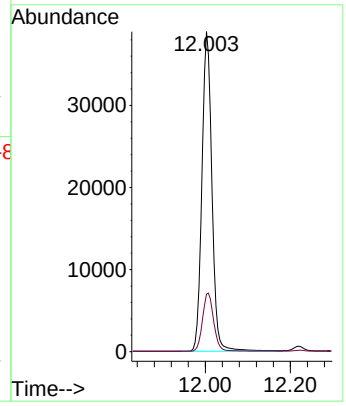




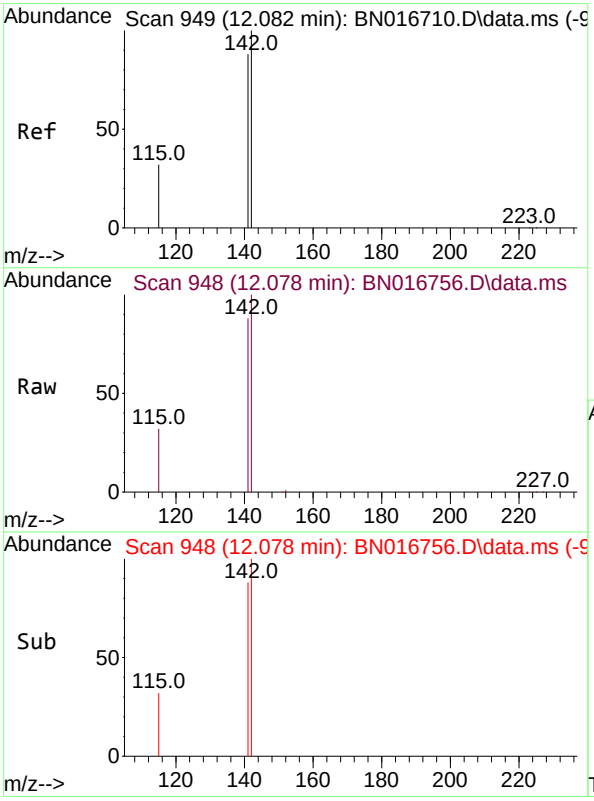
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:152 Resp: 63479

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



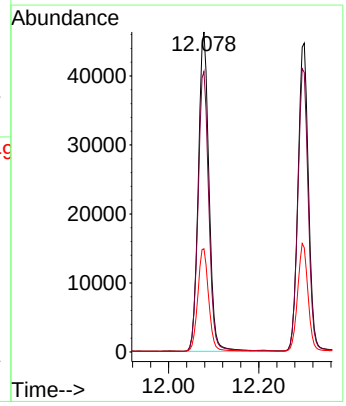
Instrument :
BNA_N
ClientSampleId :

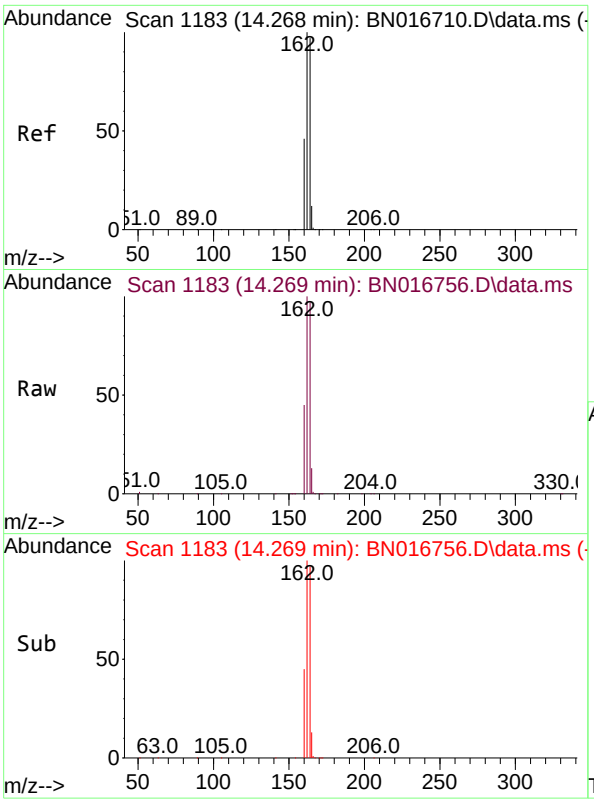


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.004 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:142 Resp: 76004

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	106.0
115	32.3	26.1	39.1

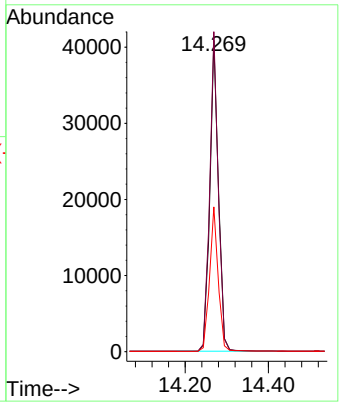




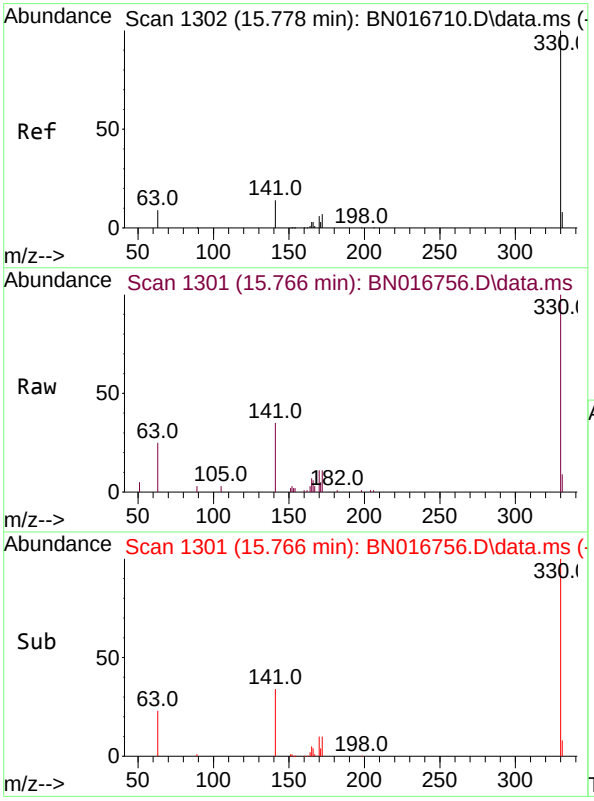
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:164 Resp: 58706

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	124.0
160	46.5	38.2	57.2



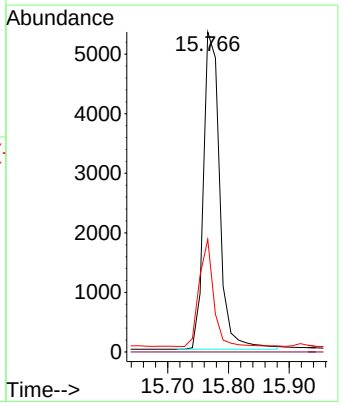
Instrument :
BNA_N
ClientSampleId :

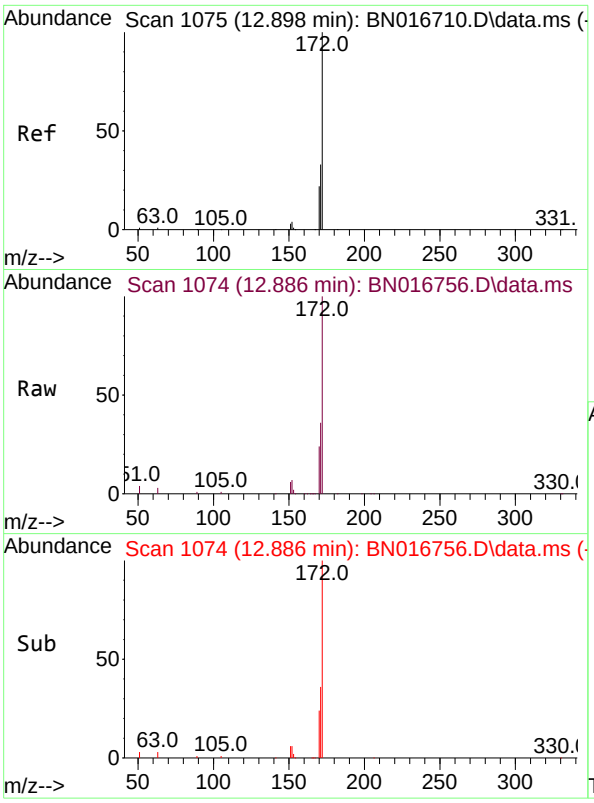


#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:330 Resp: 9911

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.0	24.2	36.2

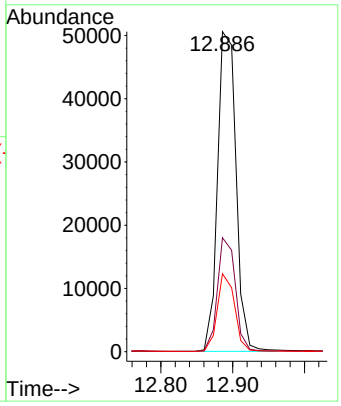




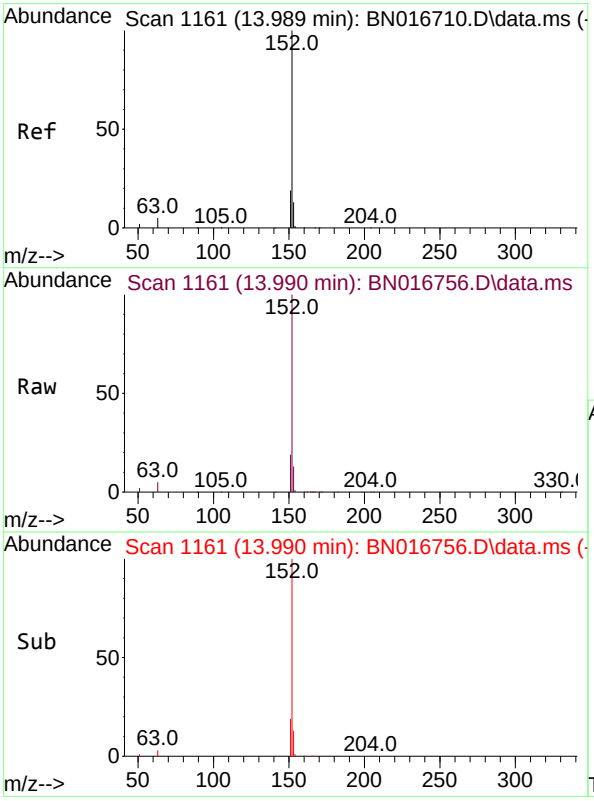
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:172 Resp: 90536

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.9	40.3
170	24.4	17.4	26.0



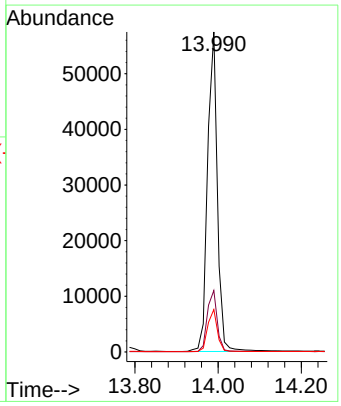
Instrument :
BNA_N
ClientSampleId :

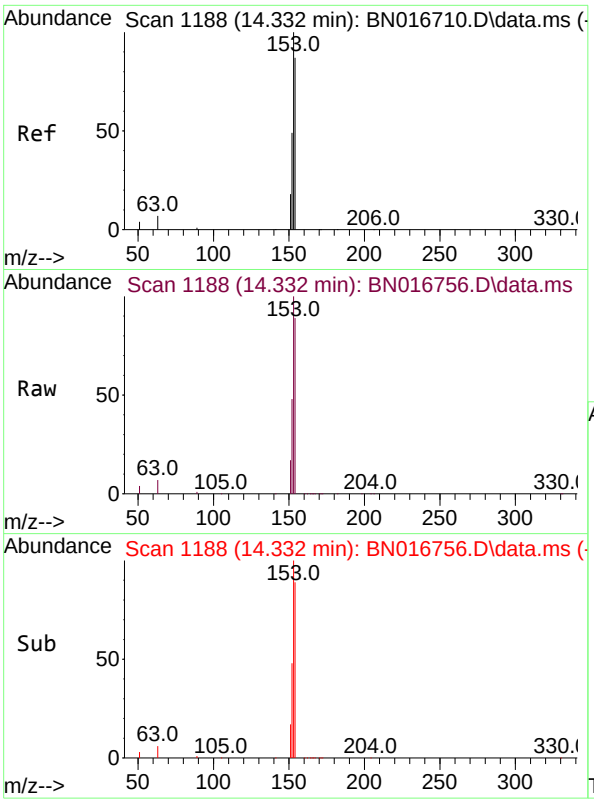


#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.001 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:152 Resp: 94099

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.4	15.6

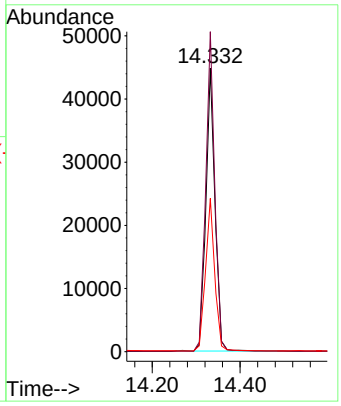




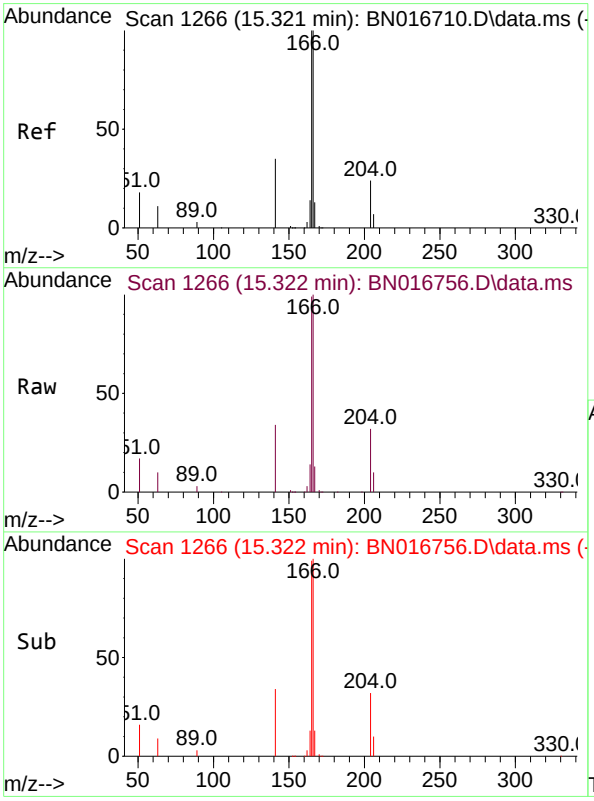
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:154 Resp: 64552

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	54.5	43.6	65.4



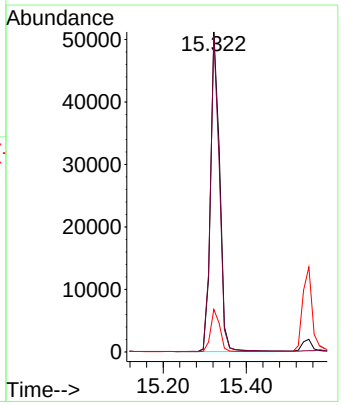
Instrument :
BNA_N
ClientSampleId :



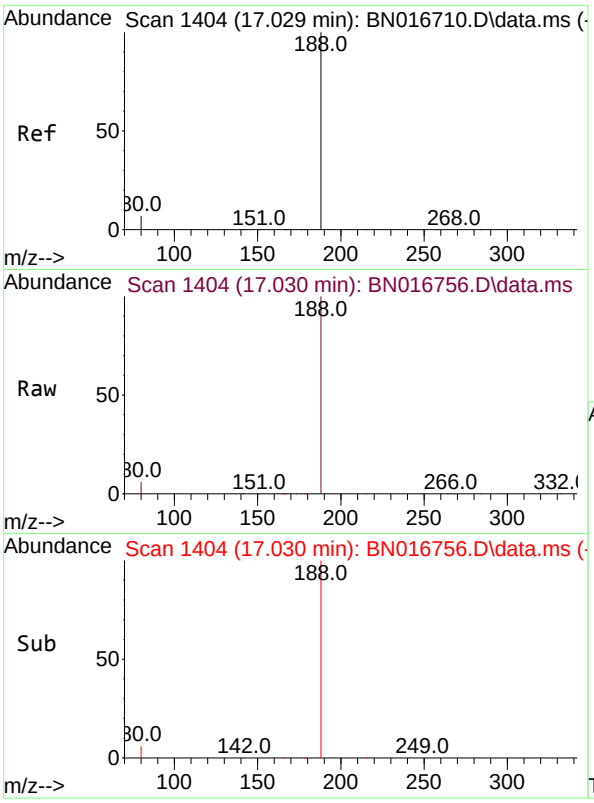
#18
Fluorene
Concen: 0.375 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:166 Resp: 77537

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.4	10.7	16.1



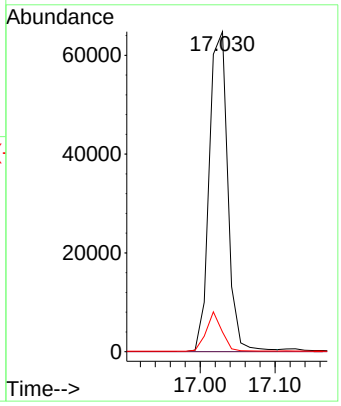
Instrument :
BNA_N
ClientSampleId :

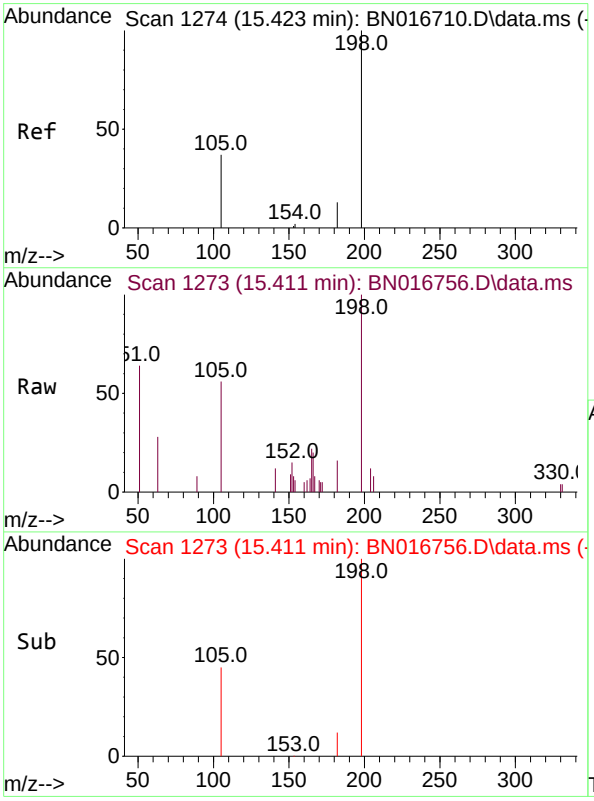


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:188 Resp: 111153

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	5.8	8.8

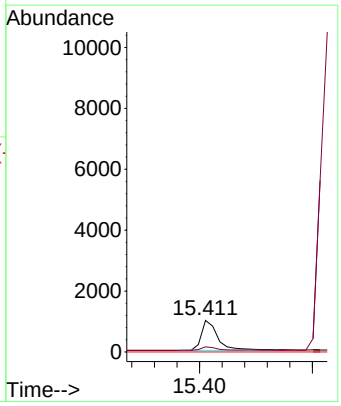


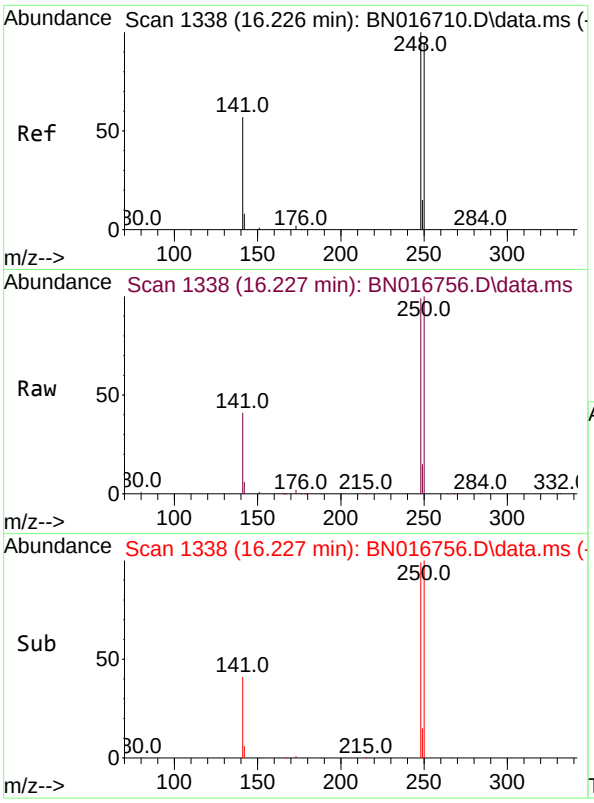


#20
4,6-Dinitro-2-methylphenol
Concen: 0.483 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:198 Resp: 2032

Ion	Ratio	Lower	Upper
198	100		
182	16.4	26.2	39.2#
77	0.0	0.0	0.0

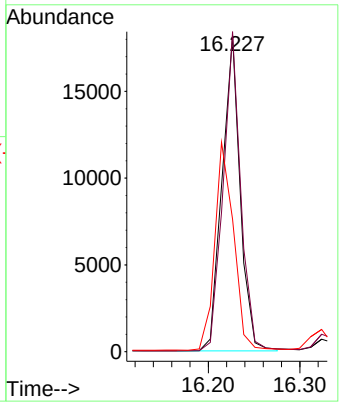




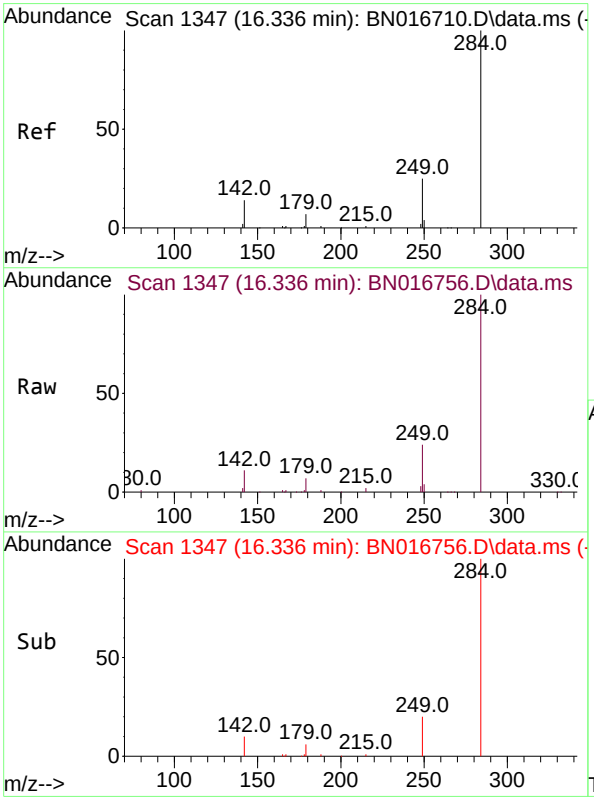
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.227 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:248 Resp: 24952

Ion	Ratio	Lower	Upper
248	100		
250	101.2	76.2	114.4
141	41.9	45.6	68.4#



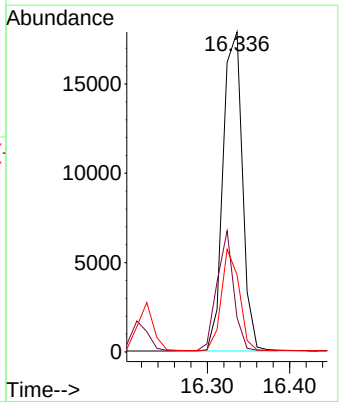
Instrument :
BNA_N
ClientSampleId :



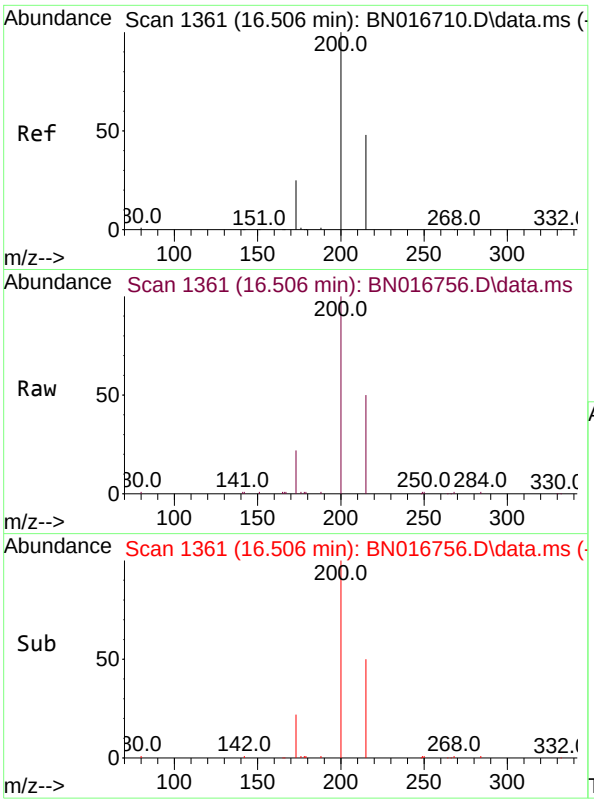
#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:284 Resp: 29253

Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.8	38.6
249	29.4	23.3	34.9



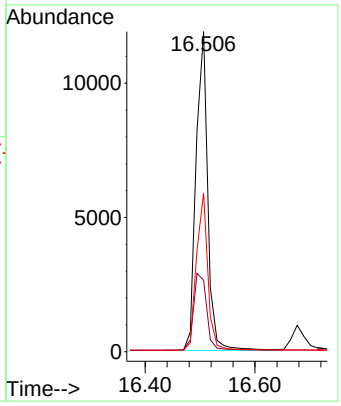
Instrument :
BNA_N
ClientSampleId :

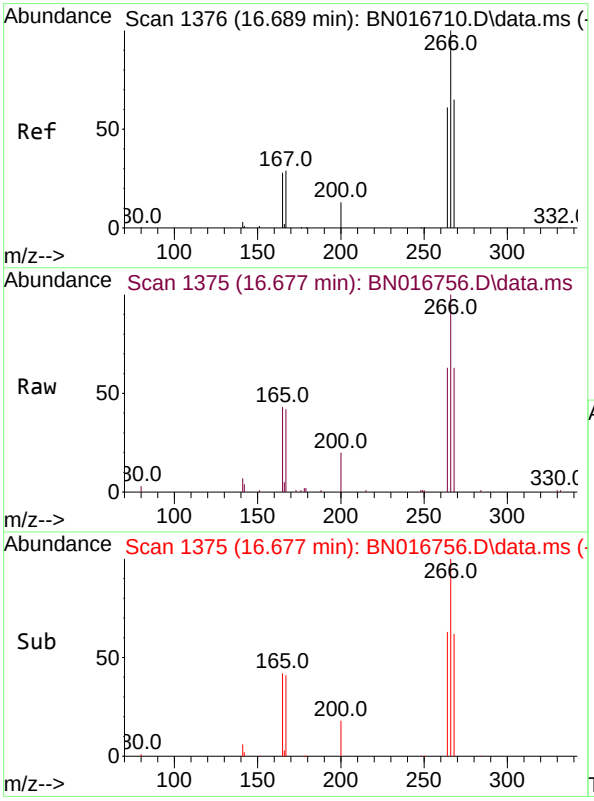


#23
Atrazine
Concen: 0.328 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:200 Resp: 17579

Ion	Ratio	Lower	Upper
200	100		
173	22.4	20.1	30.1
215	49.6	38.8	58.2

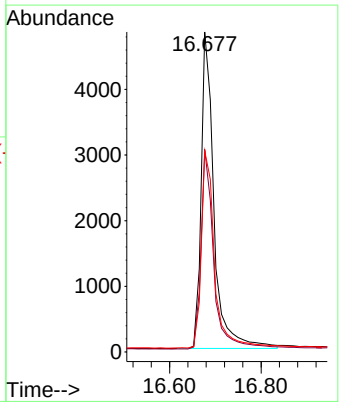


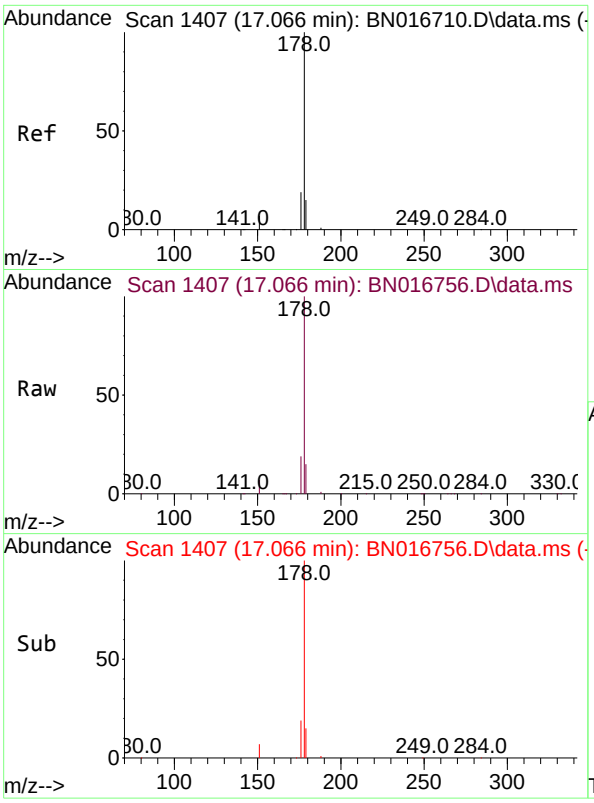


#24
Pentachlorophenol
Concen: 0.590 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:266 Resp: 9402

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	64.3	51.8	77.8

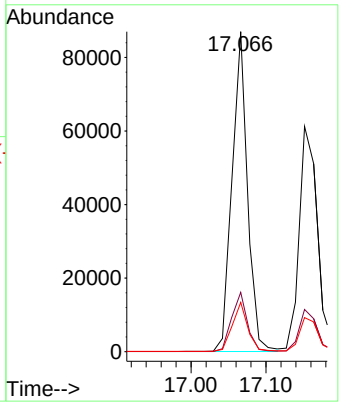




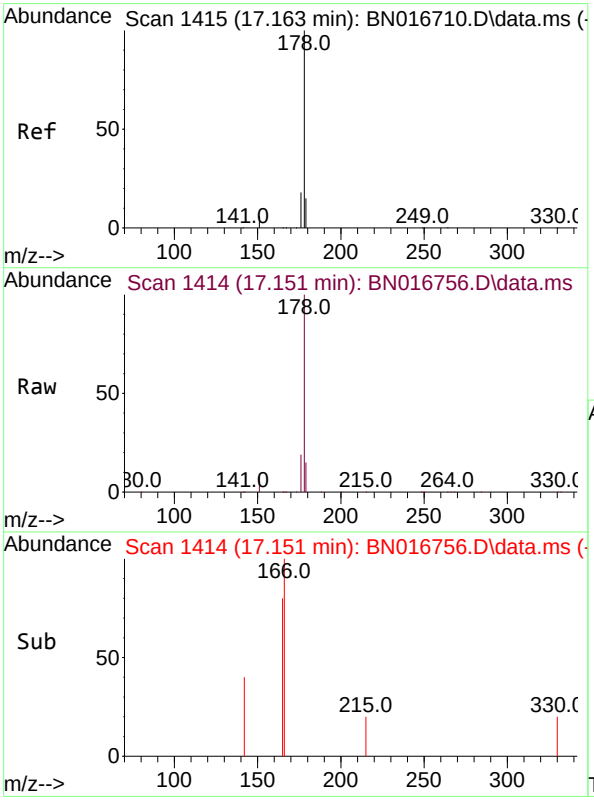
#25
Phenanthrene
Concen: 0.380 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:178 Resp: 124260

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.4	18.6



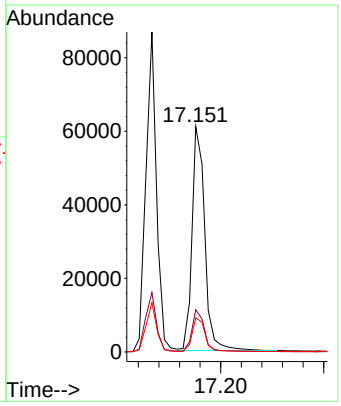
Instrument :
BNA_N
ClientSampleId :



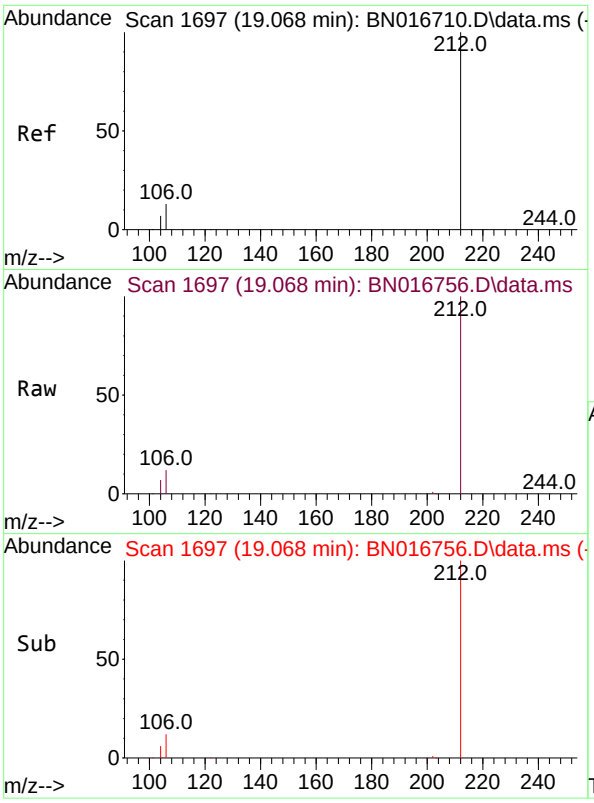
#26
Anthracene
Concen: 0.359 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:178 Resp: 104896

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



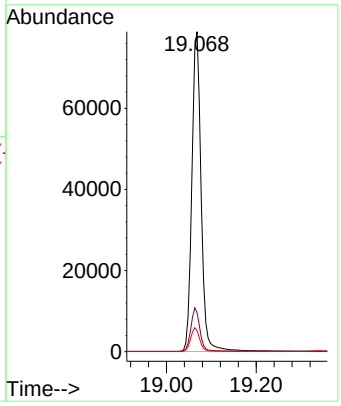
Instrument :
BNA_N
ClientSampleId :

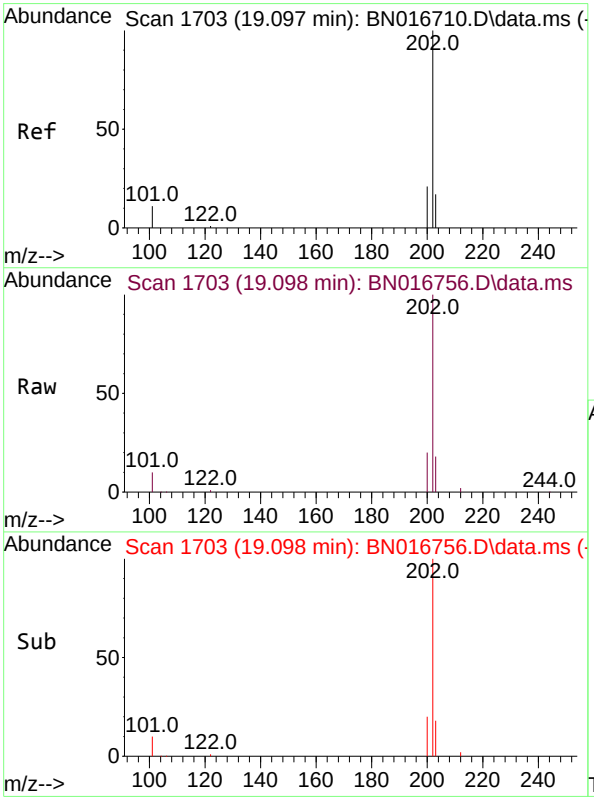


#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:212 Resp: 113178

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.2	5.8	8.8

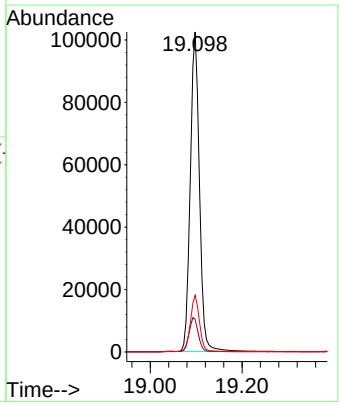




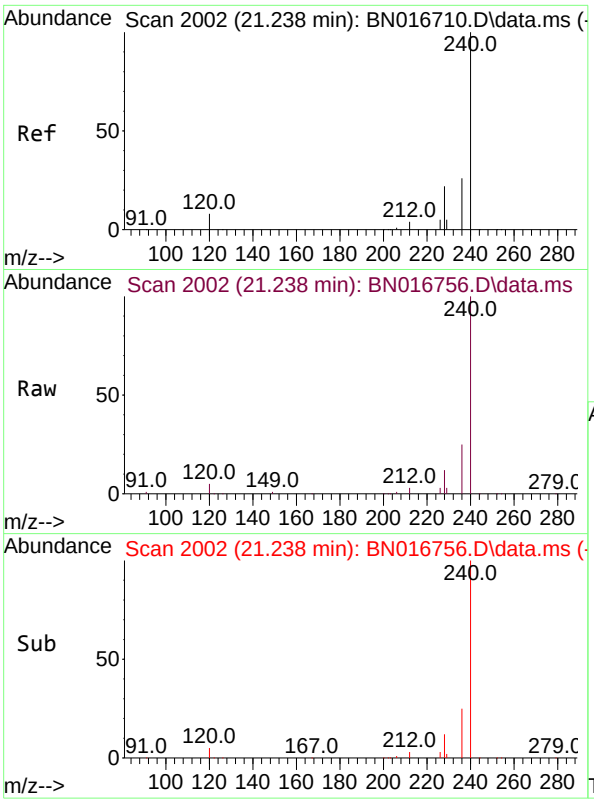
#28
Fluoranthene
Concen: 0.391 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:202 Resp: 141851

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.3	13.8	20.8



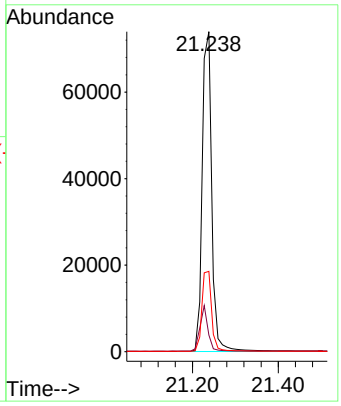
Instrument :
BNA_N
ClientSampleId :

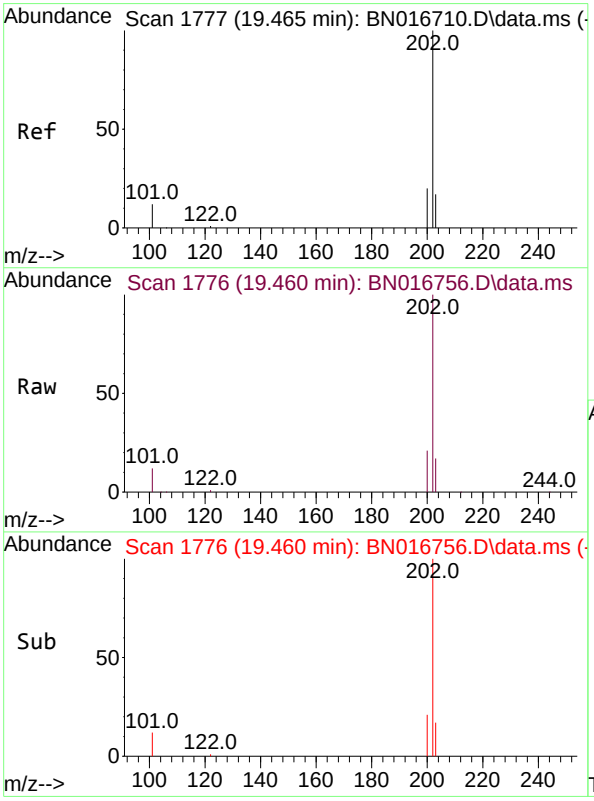


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:240 Resp: 113926

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.6	10.0#
236	25.1	20.7	31.1

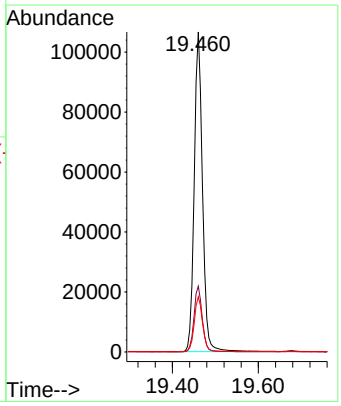


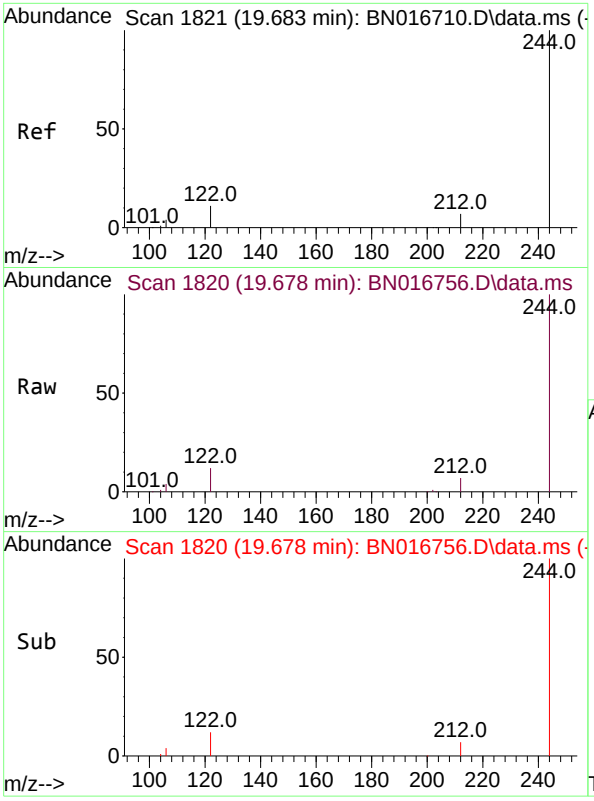


#30
Pyrene
Concen: 0.381 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:202 Resp: 142702

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.4	13.9	20.9

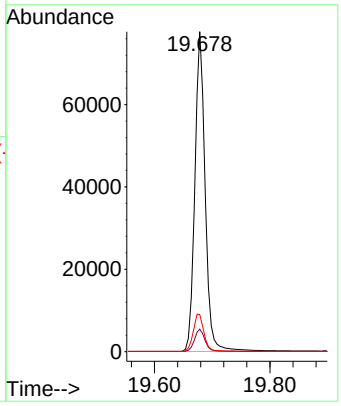




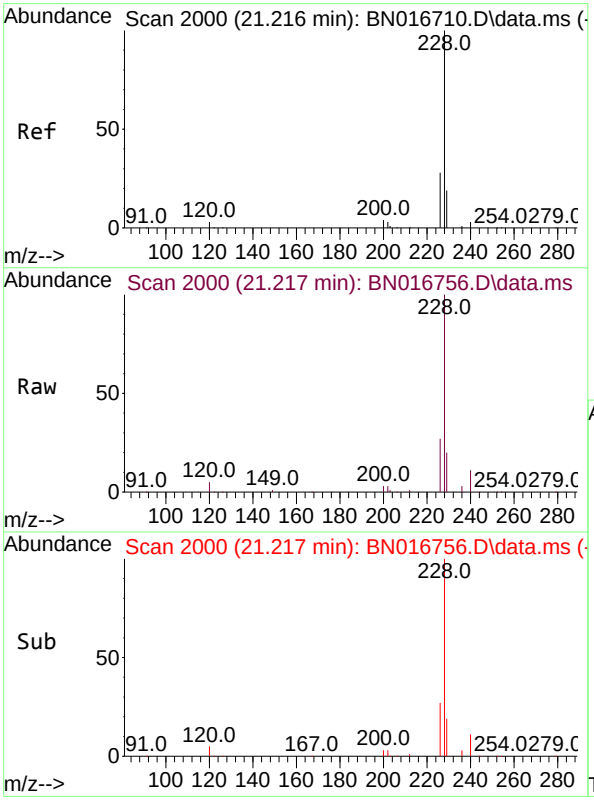
#31
Terphenyl-d14
Concen: 0.381 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:244 Resp: 97016

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.6	8.9	13.3



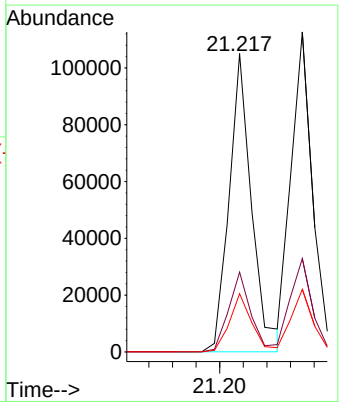
Instrument :
BNA_N
ClientSampleId :

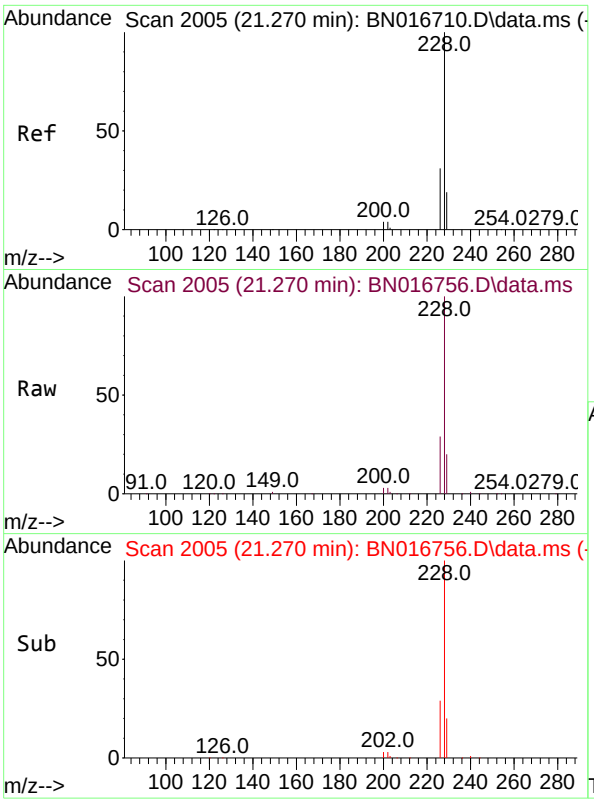


#32
Benzo(a)anthracene
Concen: 0.394 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:228 Resp: 139067

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.5	15.4	23.0

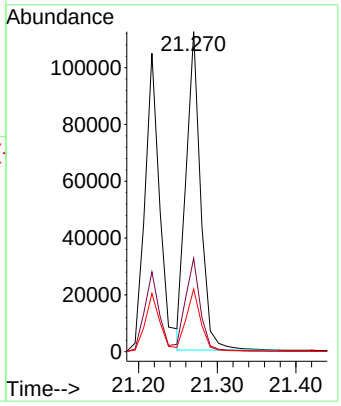




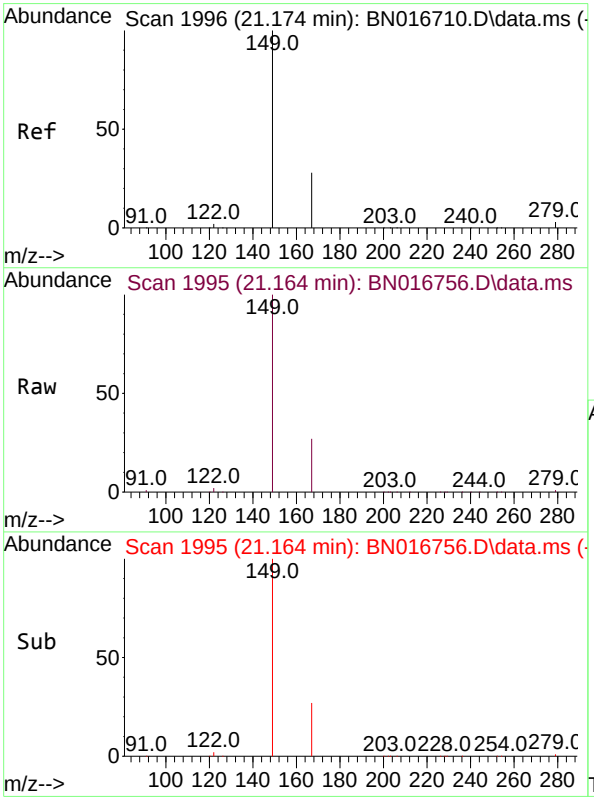
#33
Chrysene
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:228 Resp: 143389

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	19.6	15.4	23.0



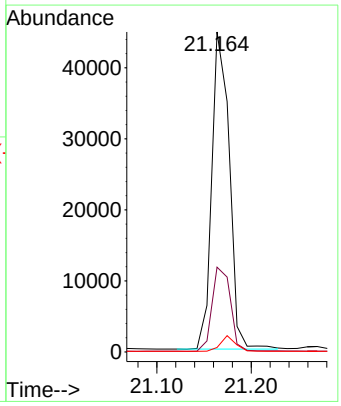
Instrument :
BNA_N
ClientSampleId :

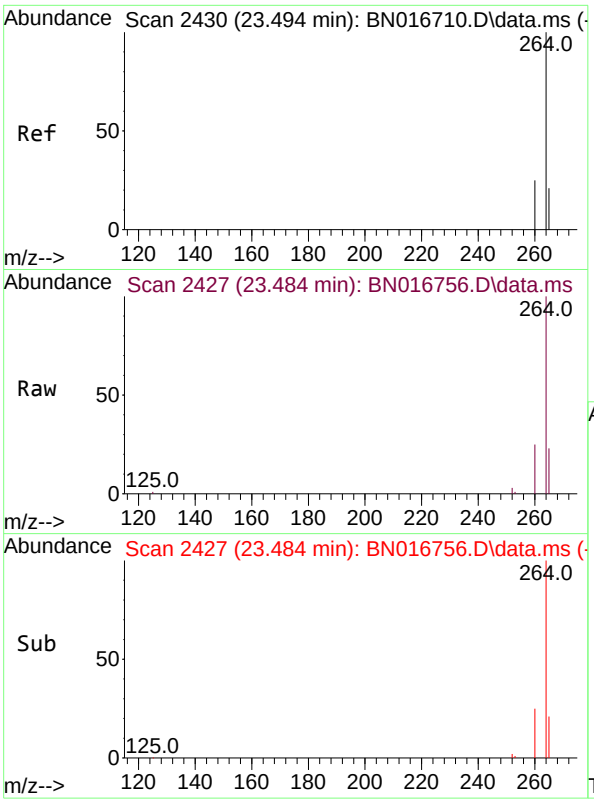


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.269 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:149 Resp: 57572

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	4.2	3.4	5.2

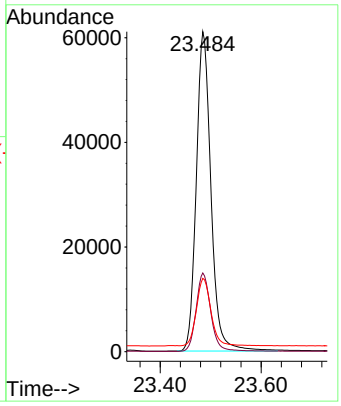




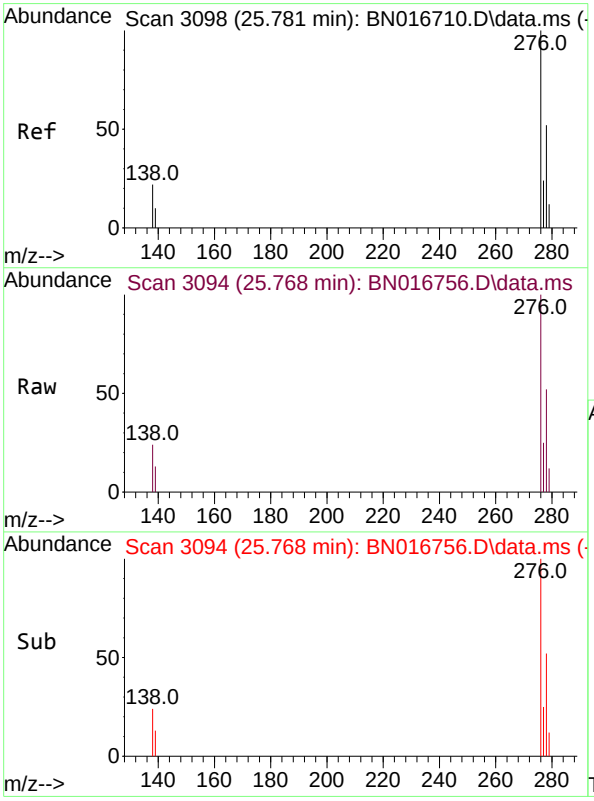
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.010 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:264 Resp: 122841

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.9	20.3	30.5



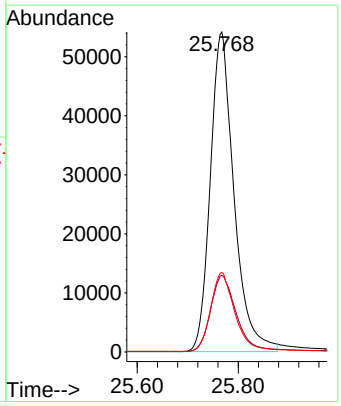
Instrument :
BNA_N
ClientSampleId :



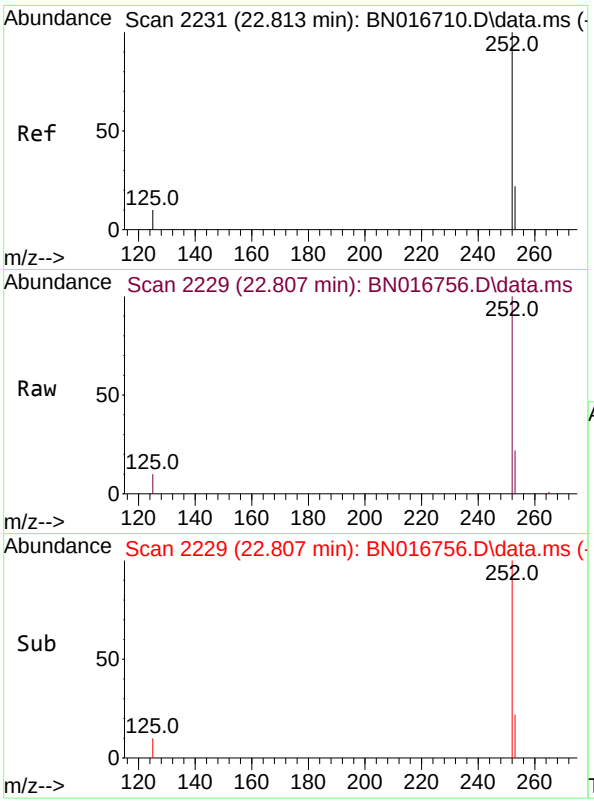
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng
RT: 25.768 min Scan# 3094
Delta R.T. -0.013 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:276 Resp: 176243

Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.2	28.8
277	25.3	20.0	30.0



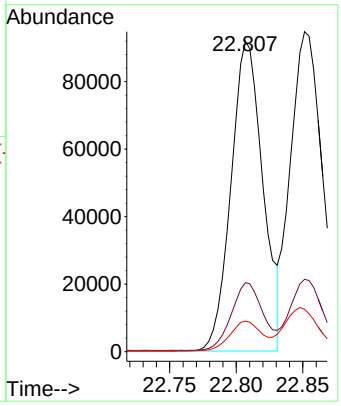
Instrument :
BNA_N
ClientSampleId :

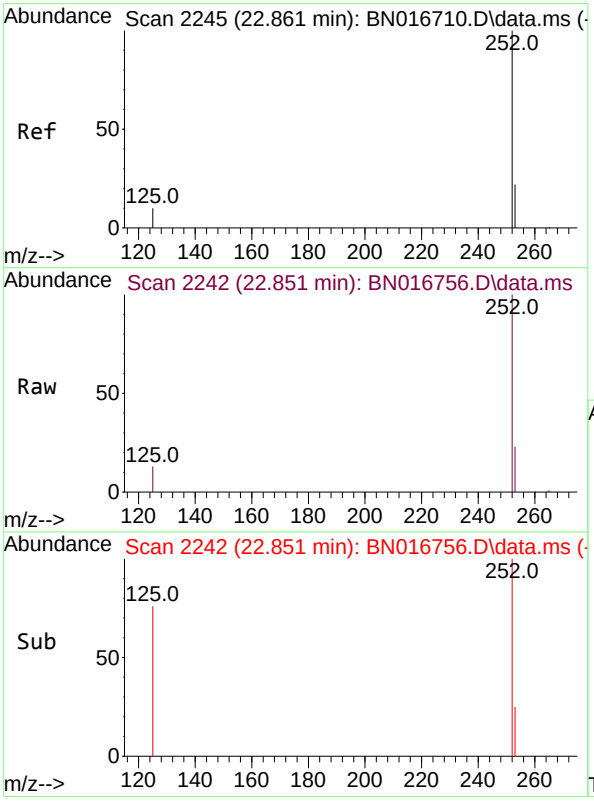


#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:252 Resp: 153060

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	8.3	12.5

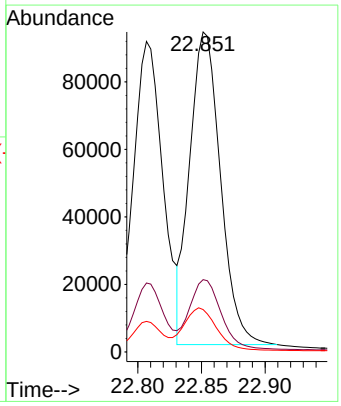


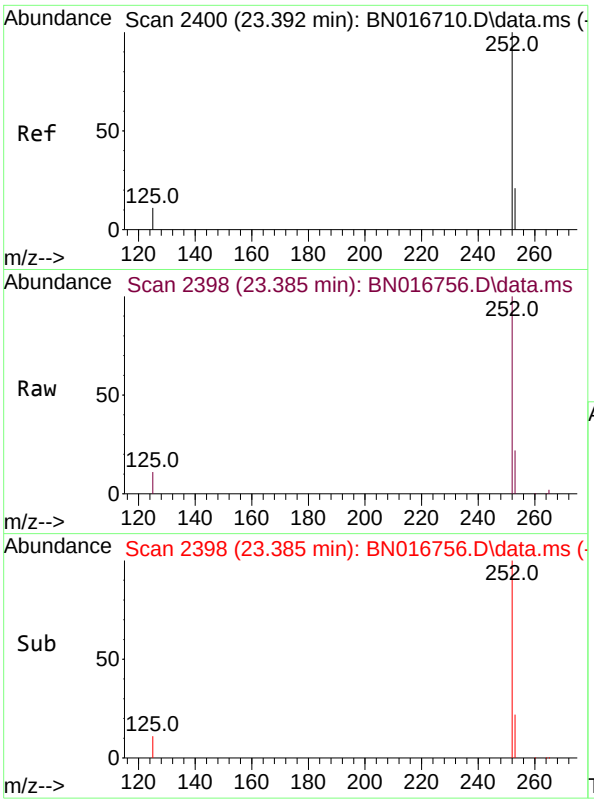


#38
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.010 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:252 Resp: 155930

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	13.3	8.5	12.7#

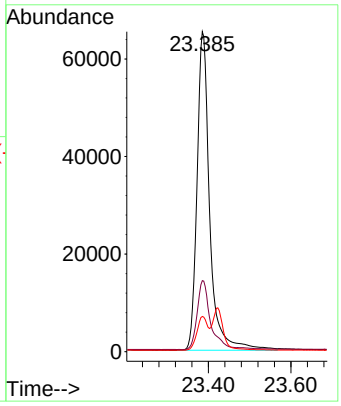




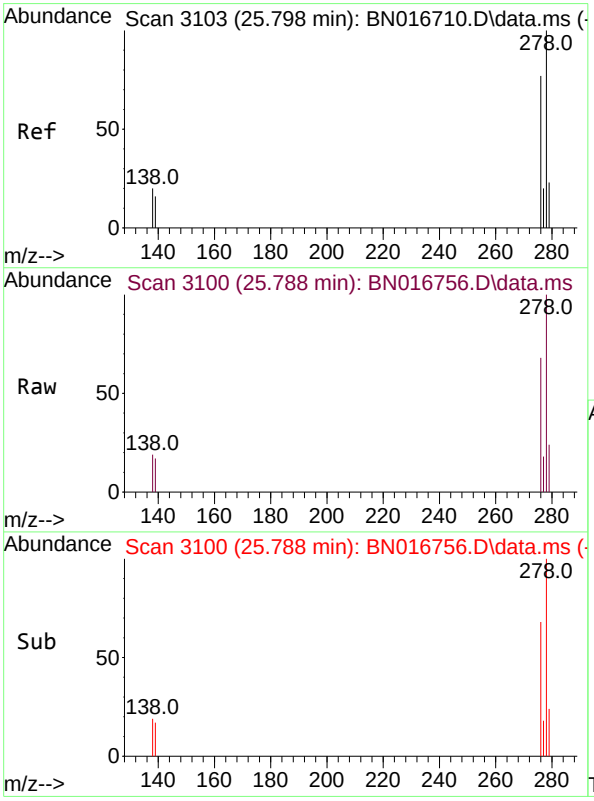
#39
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:252 Resp: 139436

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.0	9.4	14.2



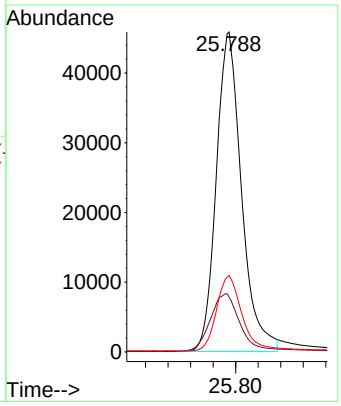
Instrument :
BNA_N
ClientSampleId :

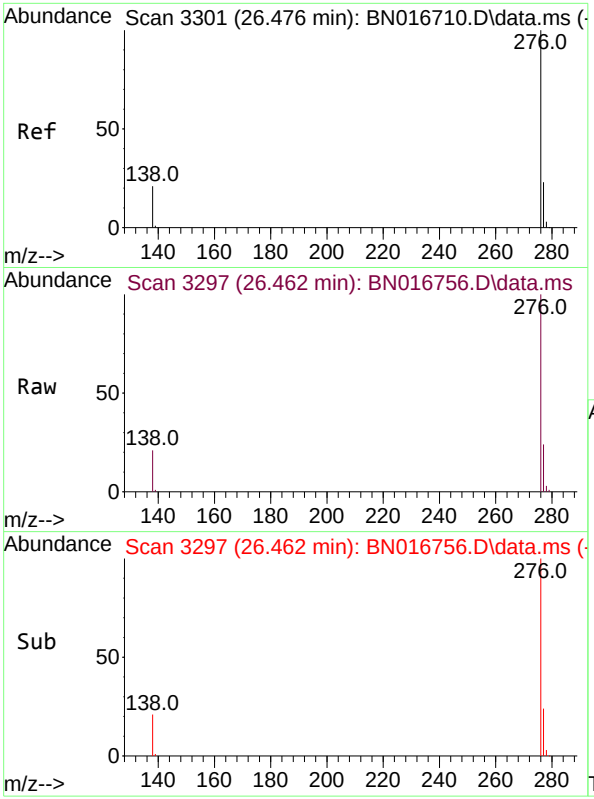


#40
Dibenzo(a,h)anthracene
Concen: 0.460 ng
RT: 25.788 min Scan# 3100
Delta R.T. -0.010 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:278 Resp: 142242

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.1	19.7
279	23.8	19.3	28.9

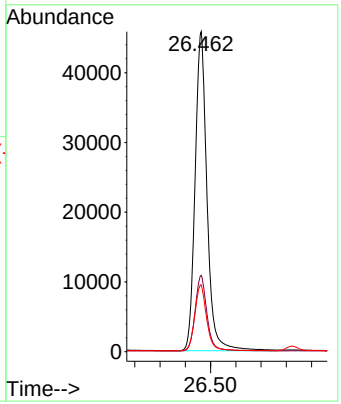




#41
Benzo(g,h,i)perylene
Concen: 0.432 ng
RT: 26.462 min Scan# 3297
Delta R.T. -0.013 min
Lab File: BN016756.D
Acq: 05 Oct 2021 22:26

Tgt Ion:276 Resp: 149473

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.9	17.0	25.6



Instrument :
BNA_N
ClientSampleId :