Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016686.D
Acq On : 03 Oct 2021 00:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 04 03:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	31124	0.400	ng		0.00
7) Naphthalene-d8	10.406	136	139923	0.400	ng		0.00
13) Acenaphthene-d10	14.268	164	76454	0.400	ng		0.00
19) Phenanthrene-d10	17.017	188	145347	0.400	ng		#-0.01
29) Chrysene-d12	21.238	240	142580	0.400	ng		0.00
35) Perylene-d12	23.484	264	149883	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	30693	0.387	ng		0.00
5) Phenol-d6	6.821	99	34242	0.395	ng		0.00
8) Nitrobenzene-d5	8.784	82	34782	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	12.002	152	79151	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	13420	0.386	ng		0.00
15) 2-Fluorobiphenyl	12.885	172	110991	0.359	ng		-0.01
27) Fluoranthene-d10	19.068	212	148352	0.384	ng		0.00
31) Terphenyl-d14	19.678	244	120881	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	5025	0.351	ng	#	78
3) n-Nitrosodimethylamine	3.594	42	8677	0.378	ng		97
6) bis(2-Chloroethyl)ether	7.080	93	32857	0.389	ng		100
9) Naphthalene	10.457	128	140176	0.369	ng		100
10) Hexachlorobutadiene	10.748	225	26882	0.377	ng	#	100
12) 2-Methylnaphthalene	12.078	142	93412	0.385	ng		99
16) Acenaphthylene	13.989	152	123487	0.369	ng		100
17) Acenaphthene	14.332	154	82752	0.368	ng		100
18) Fluorene	15.321	166	100812	0.379	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	1737	0.229	ng		96
21) 4-Bromophenyl-phenylether	16.226	248	32404	0.359	ng		94
22) Hexachlorobenzene	16.323	284	37628	0.360	ng		99
23) Atrazine	16.506	200	24060	0.367	ng		98
24) Pentachlorophenol	16.676	266	14052	0.406	ng		100
25) Phenanthrene	17.066	178	159442	0.365	ng		100
26) Anthracene	17.151	178	137079	0.363	ng		100
28) Fluoranthene	19.097	202	181531	0.384	ng		100
30) Pyrene	19.460	202	183708	0.398	ng		100
32) Benzo(a)anthracene	21.216	228	176833	0.404	ng		99
33) Chrysene	21.270	228	176446	0.398	ng		100
34) Bis(2-ethylhexyl)phtha...	21.163	149	96743	0.554	ng		100
36) Indeno(1,2,3-cd)pyrene	25.760	276	196856	0.368	ng		99
37) Benzo(b)fluoranthene	22.806	252	189571	0.394	ng		100
38) Benzo(k)fluoranthene	22.851	252	182242	0.383	ng	#	97
39) Benzo(a)pyrene	23.381	252	171429	0.400	ng		100
40) Dibenzo(a,h)anthracene	25.784	278	157163	0.364	ng		98
41) Benzo(g,h,i)perylene	26.459	276	167429	0.354	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016686.D
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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
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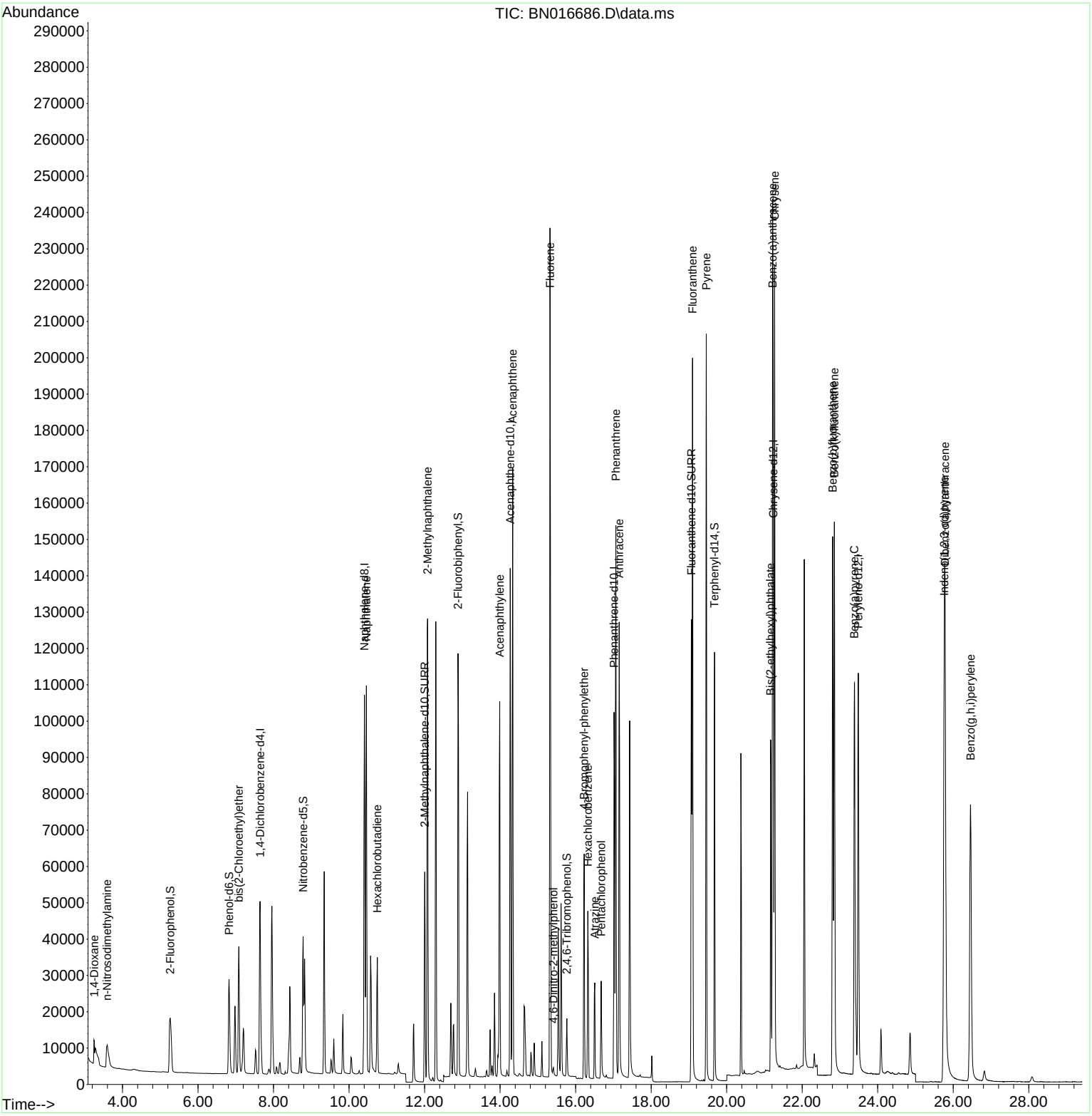
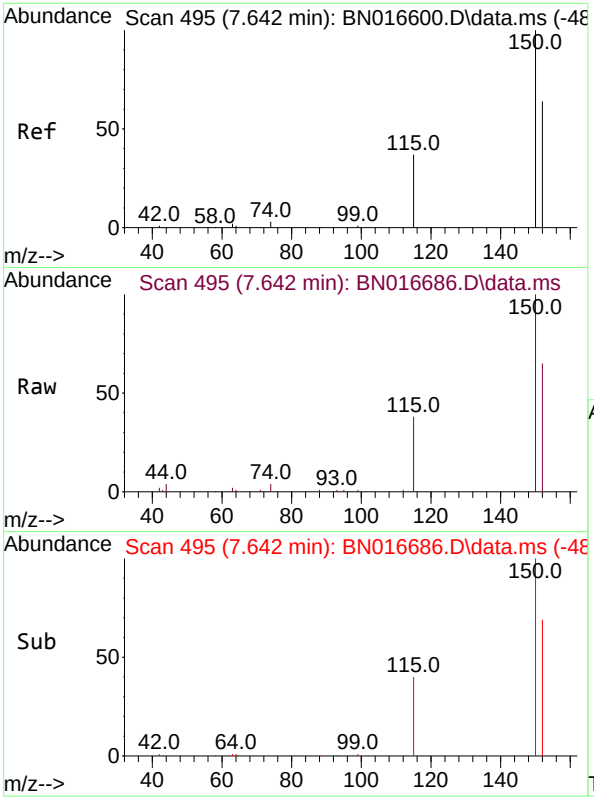
Quant Time: Oct 04 03:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration



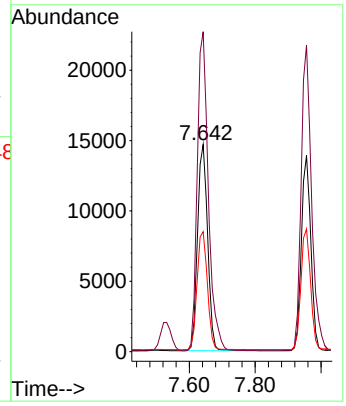
Instrument :
BNA_N
ClientSampleId :

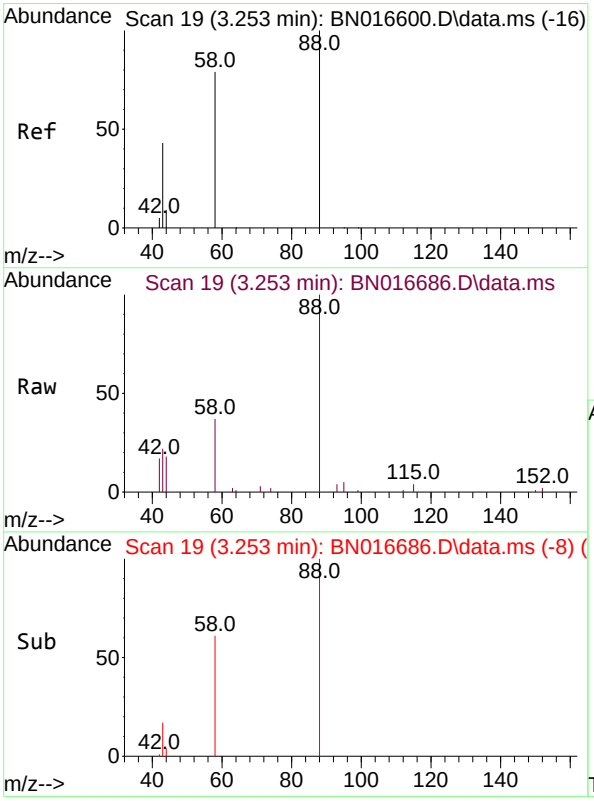


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:152 Resp: 31124

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	57.9	46.5	69.7

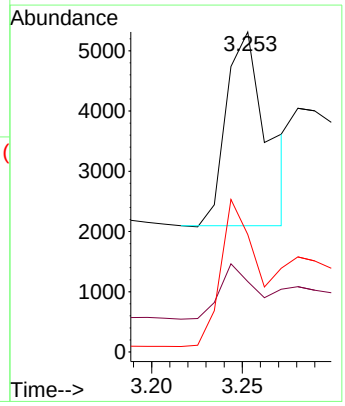




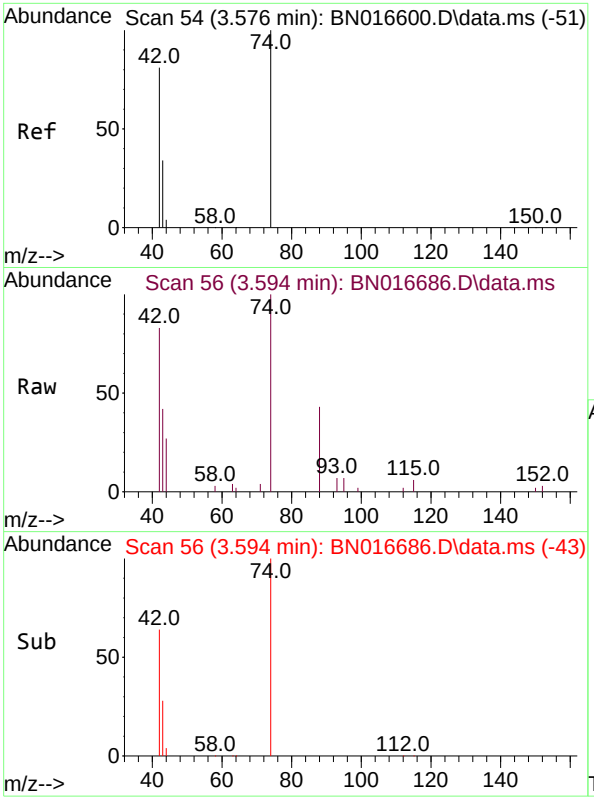
#2
1,4-Dioxane
Concen: 0.351 ng
RT: 3.253 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion: 88 Resp: 5025

Ion	Ratio	Lower	Upper
88	100		
43	24.0	37.8	56.8#
58	64.9	61.3	91.9



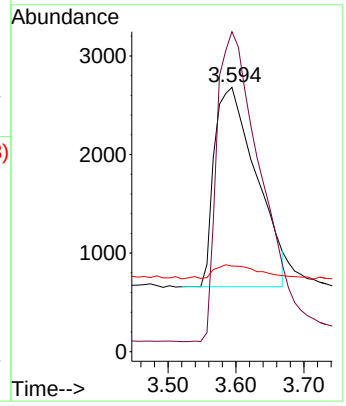
Instrument :
BNA_N
ClientSampleId :

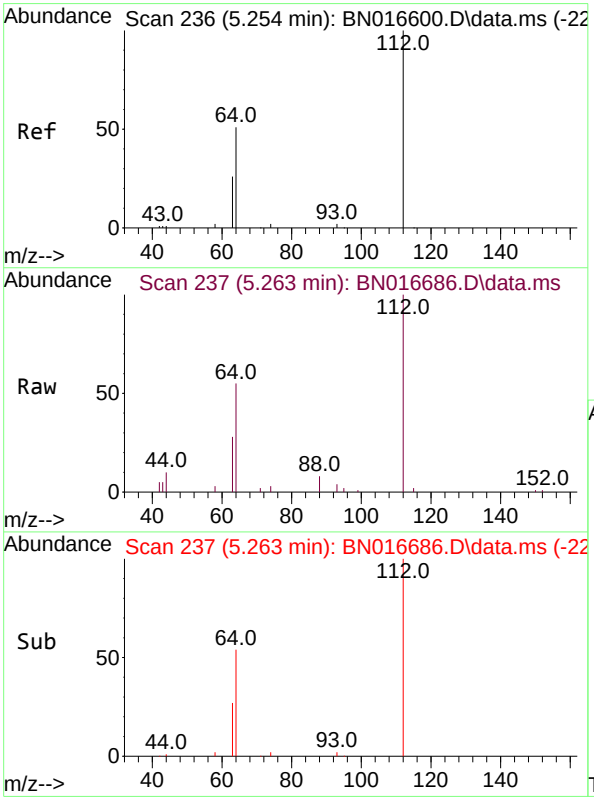


#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.594 min Scan# 56
Delta R.T. 0.018 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion: 42 Resp: 8677

Ion	Ratio	Lower	Upper
42	100		
74	156.6	121.6	182.4
44	7.4	6.3	9.5

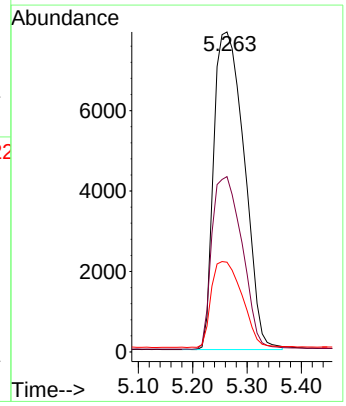




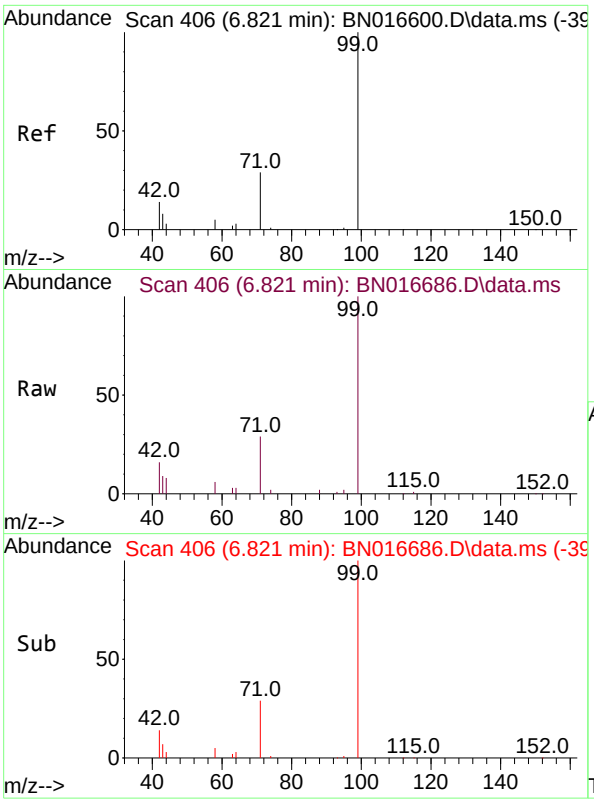
#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:112 Resp: 30693

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.1	64.7
63	27.3	21.6	32.4



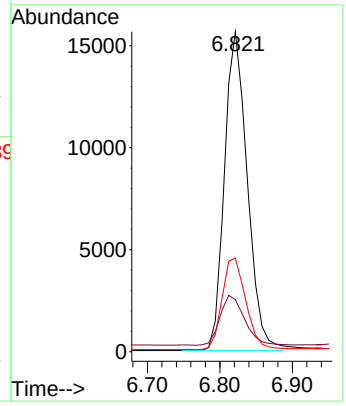
Instrument :
BNA_N
ClientSampleId :

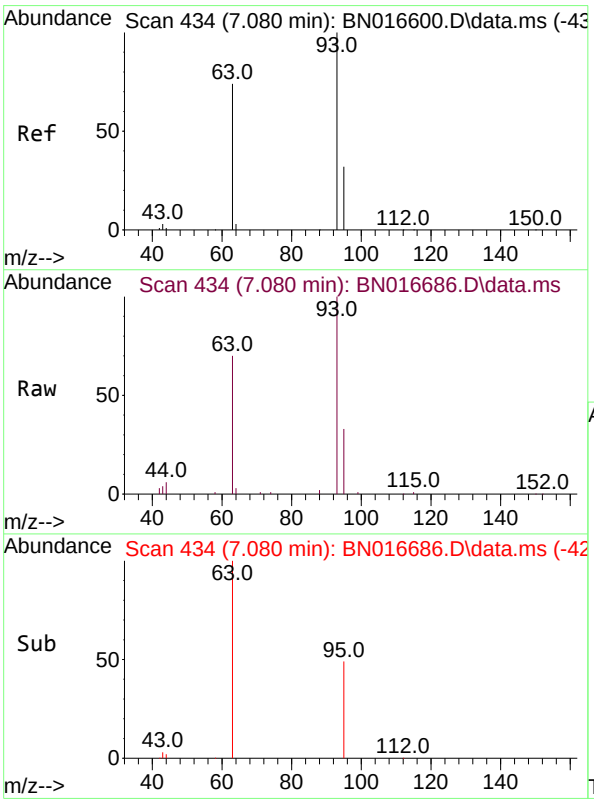


#5
Phenol-d6
Concen: 0.395 ng
RT: 6.821 min Scan# 406
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion: 99 Resp: 34242

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	29.8	23.5	35.3

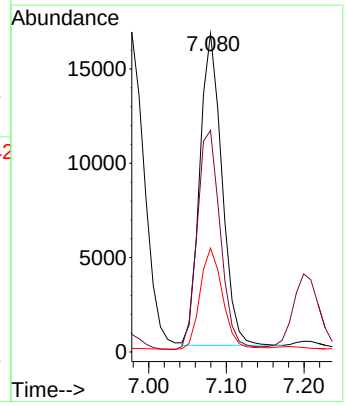


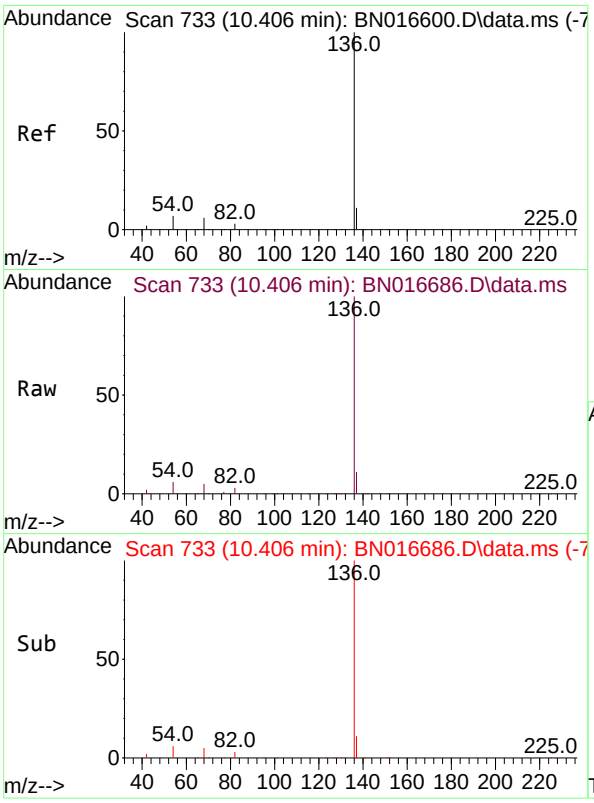


#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.080 min Scan# 434
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion: 93 Resp: 32857

Ion	Ratio	Lower	Upper
93	100		
63	73.8	59.1	88.7
95	32.9	26.2	39.4

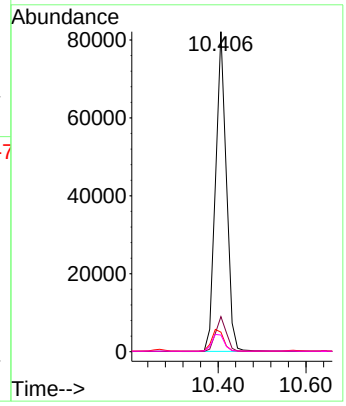




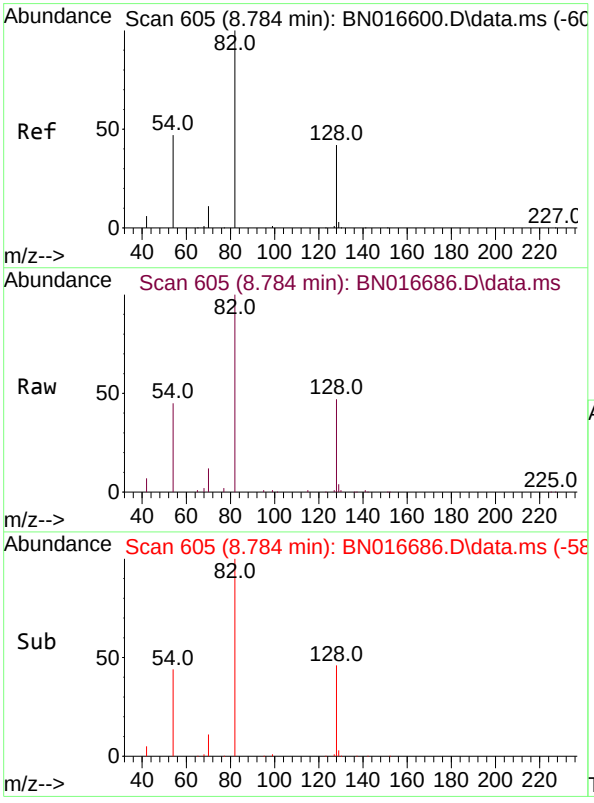
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:136 Resp: 139923

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.9	8.9
68	5.2	5.0	7.6



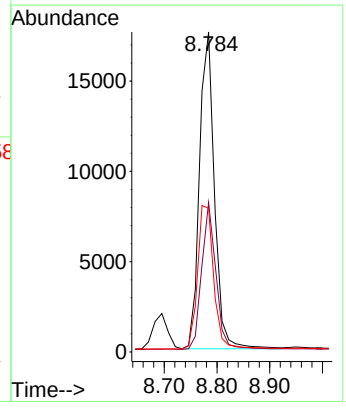
Instrument :
BNA_N
ClientSampleId :

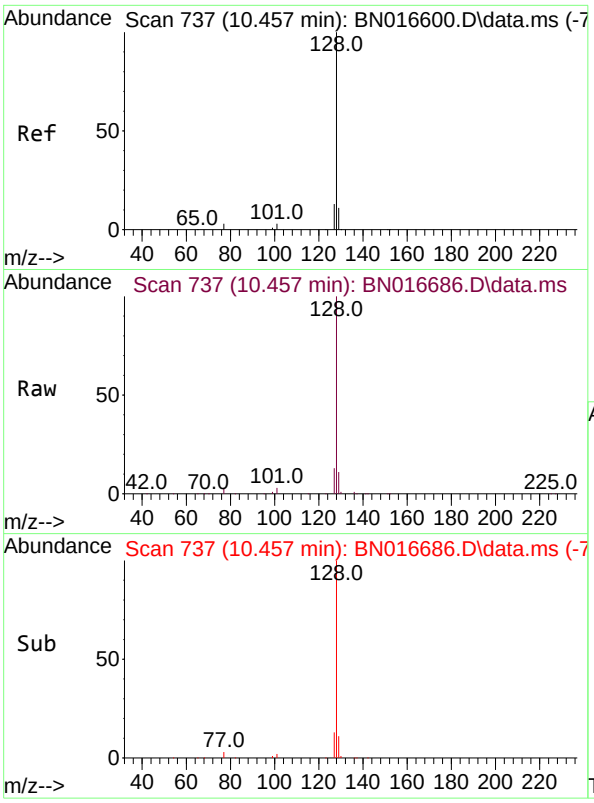


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.784 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion: 82 Resp: 34782

Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.6	50.4
54	44.9	37.6	56.4

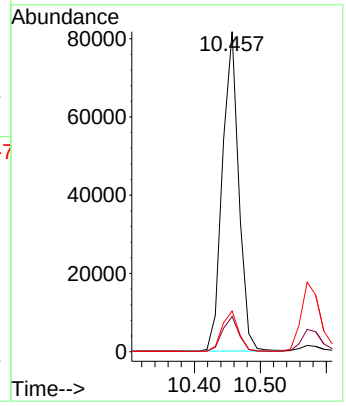




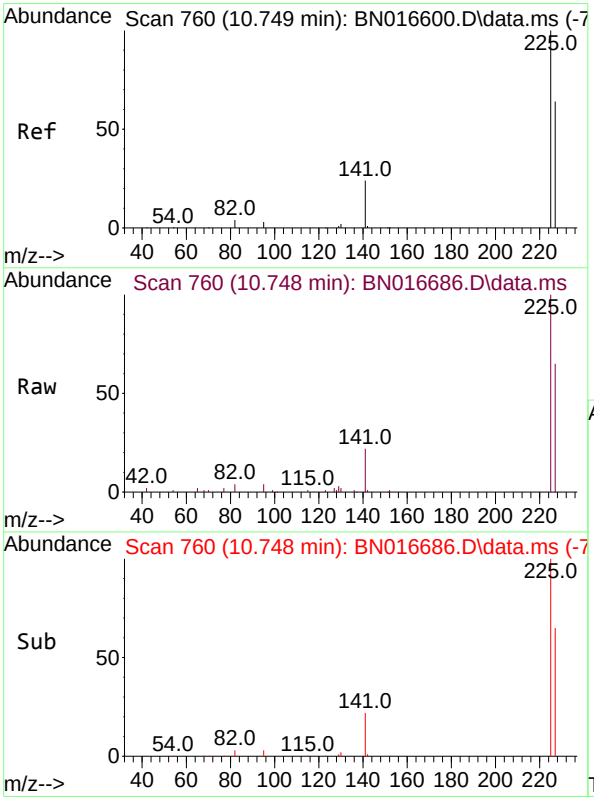
#9
Naphthalene
Concen: 0.369 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:128 Resp: 140176

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.3	15.5



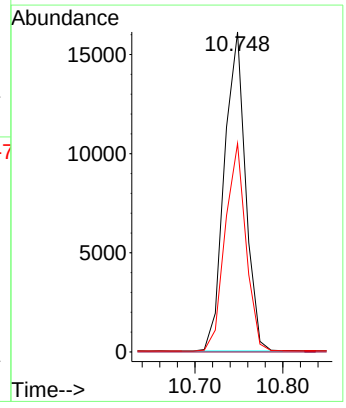
Instrument :
BNA_N
ClientSampleId :



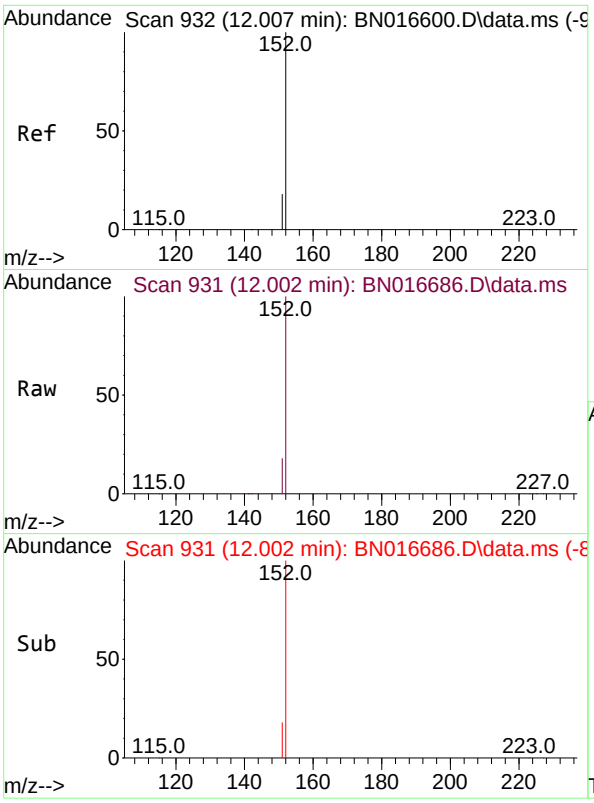
#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.748 min Scan# 760
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:225 Resp: 26882

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.0	76.6



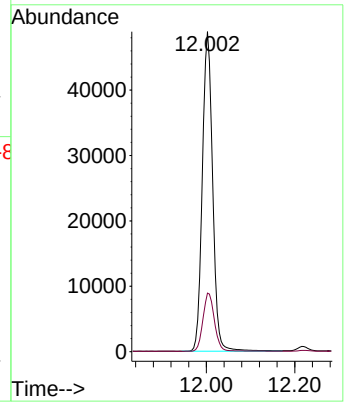
Instrument :
BNA_N
ClientSampleId :

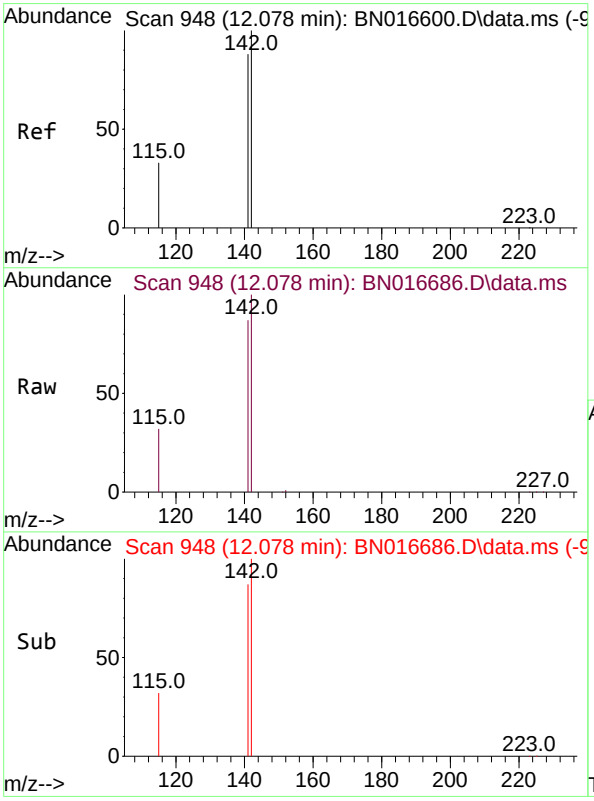


#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.005 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:152 Resp: 79151

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

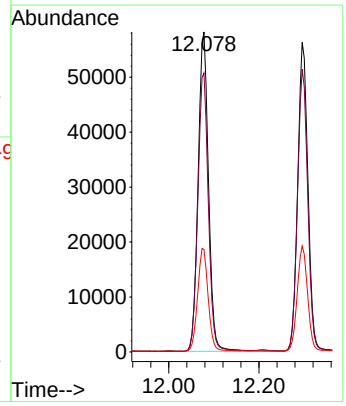




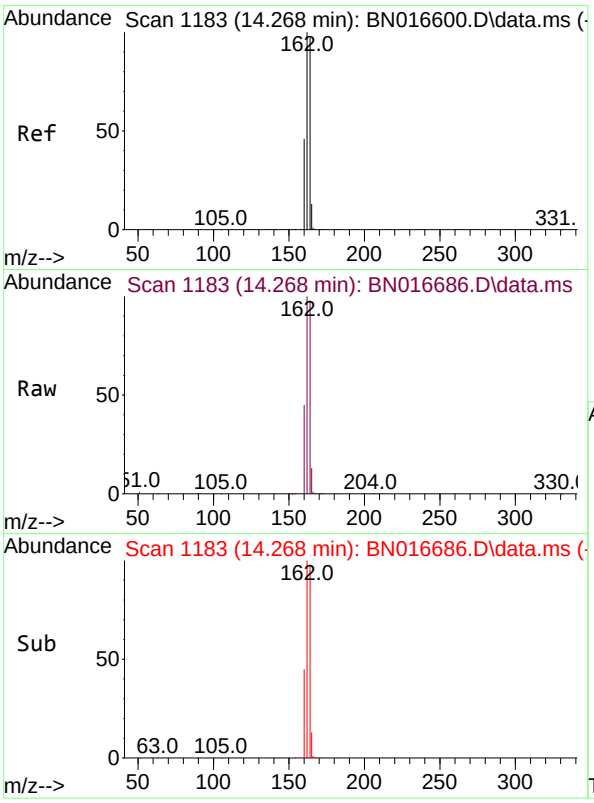
#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:142 Resp: 93412

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.6	105.8
115	32.1	26.6	39.8



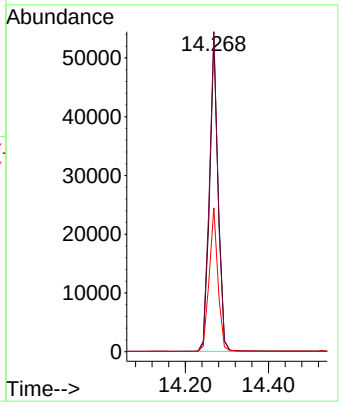
Instrument :
BNA_N
ClientSampleId :

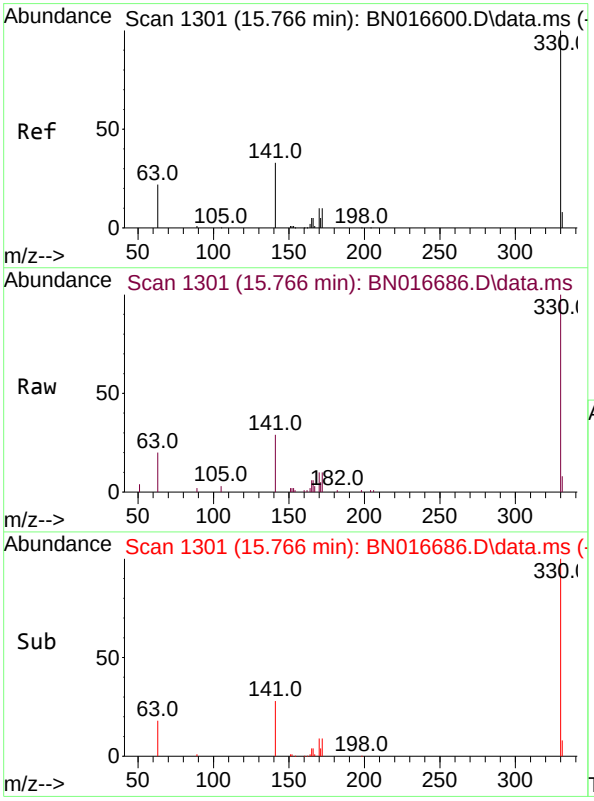


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:164 Resp: 76454

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	45.8	37.7	56.5

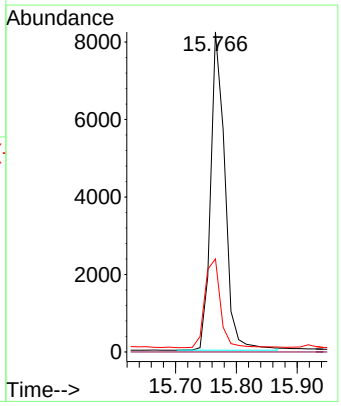




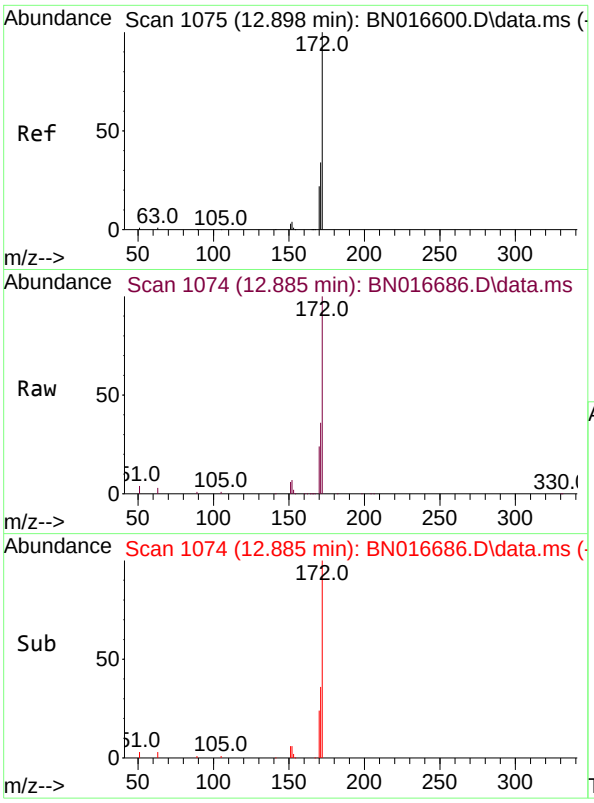
#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:330 Resp: 13420

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.7	25.2	37.8



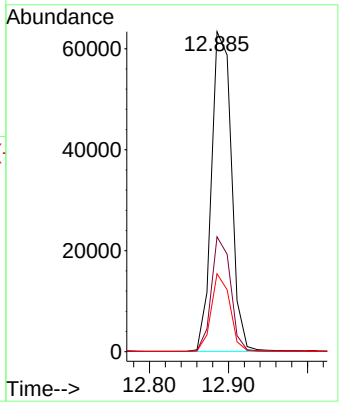
Instrument :
BNA_N
ClientSampleId :

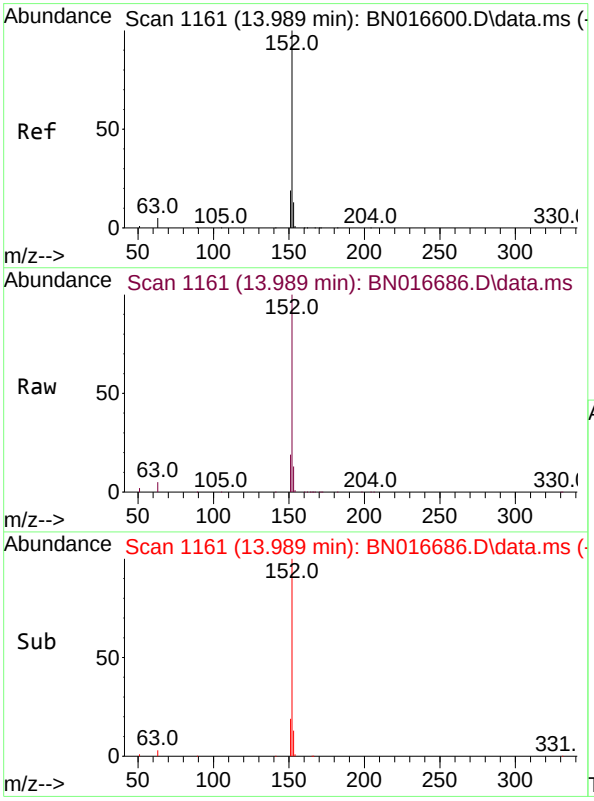


#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.885 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:172 Resp: 110991

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.0	40.4
170	24.4	17.4	26.2

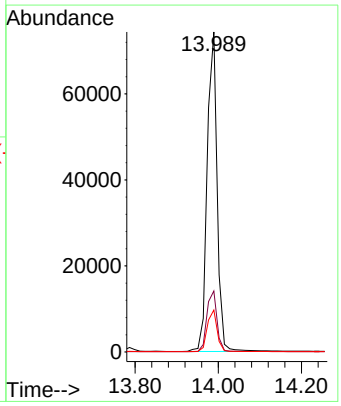




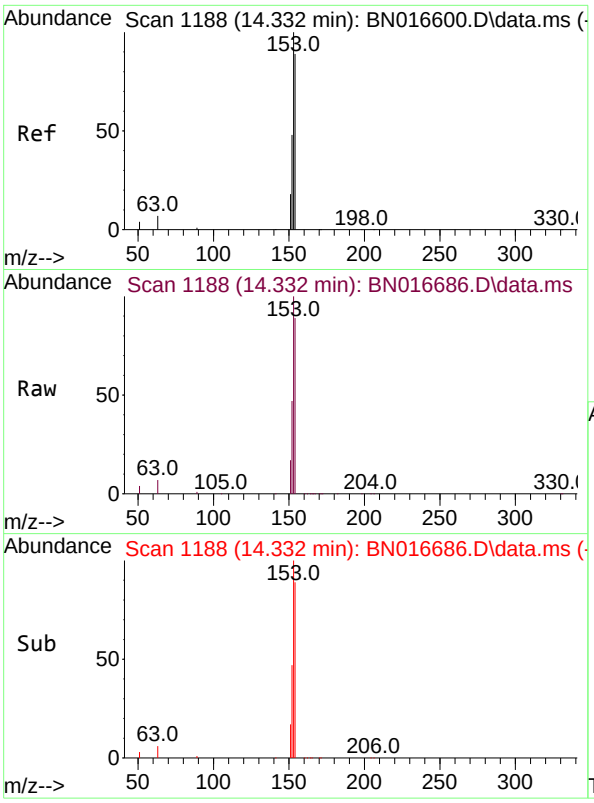
#16
Acenaphthylene
Concen: 0.369 ng
RT: 13.989 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:152 Resp: 123487

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



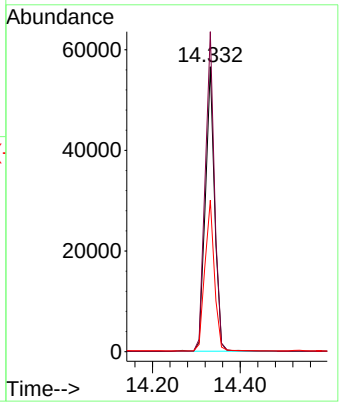
Instrument :
BNA_N
ClientSampleId :

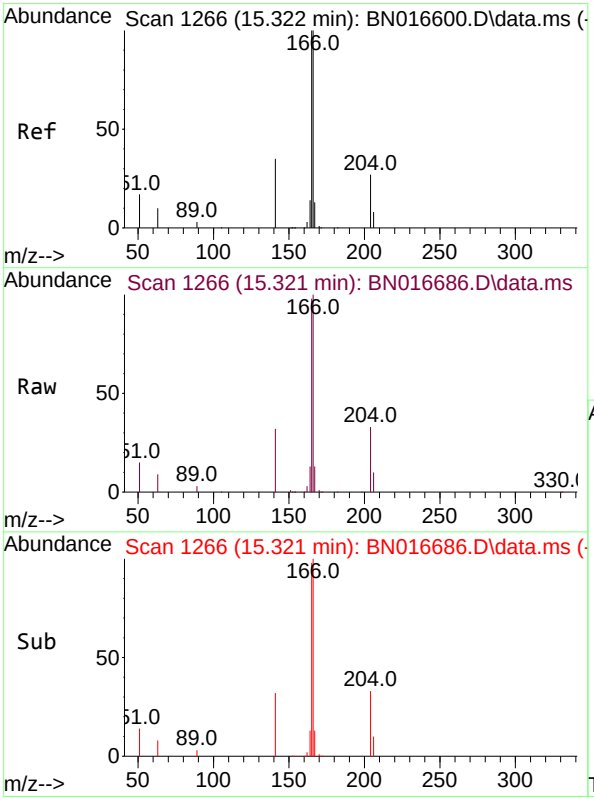


#17
Acenaphthene
Concen: 0.368 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:154 Resp: 82752

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.2
152	54.3	44.0	66.0

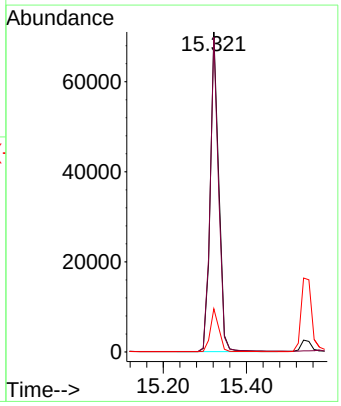


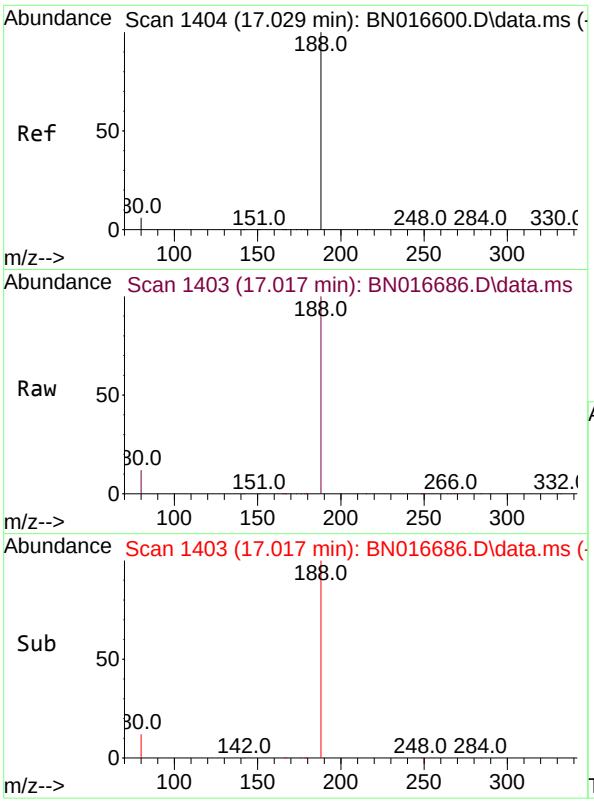


#18
Fluorene
Concen: 0.379 ng
RT: 15.321 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:166 Resp: 100812

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.5	10.7	16.1

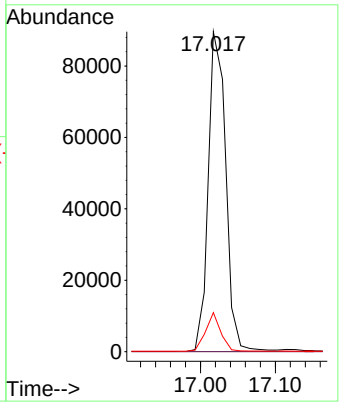




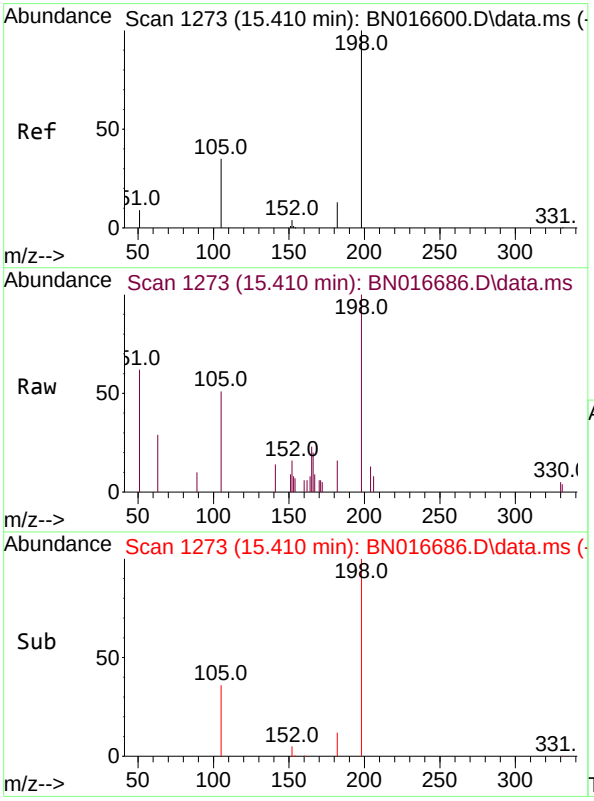
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:188 Resp: 145347

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	5.0	7.6#



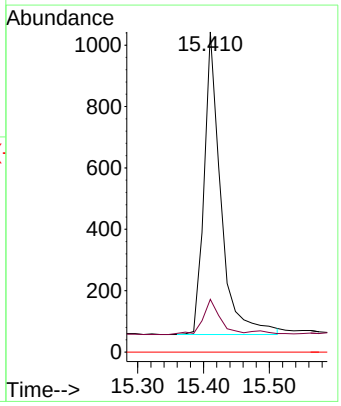
Instrument :
BNA_N
ClientSampleId :

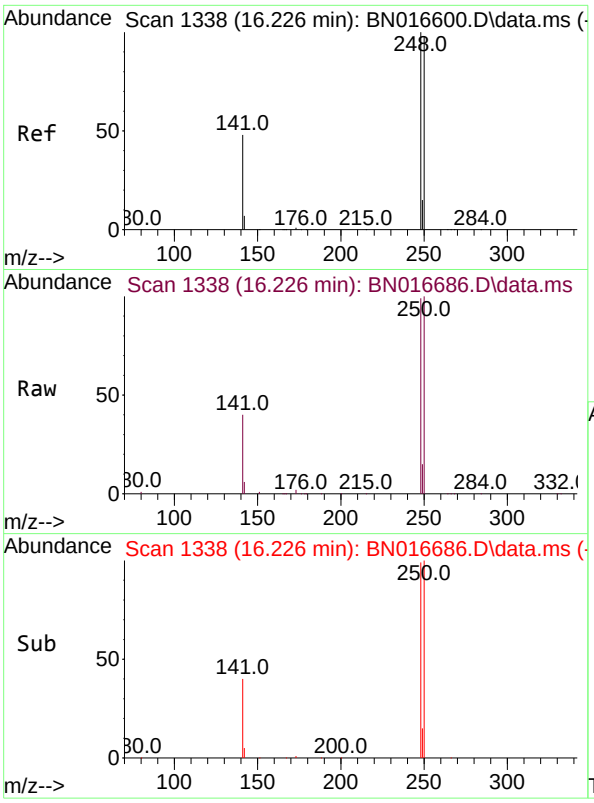


#20
4,6-Dinitro-2-methylphenol
Concen: 0.229 ng
RT: 15.410 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:198 Resp: 1737

Ion	Ratio	Lower	Upper
198	100		
182	16.5	11.8	17.8
77	0.0	0.0	0.0

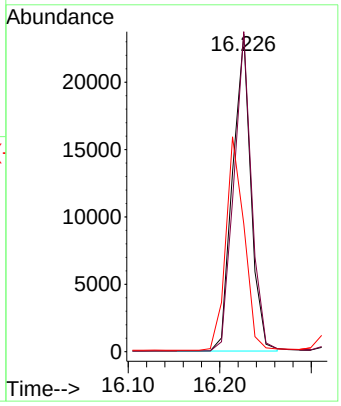




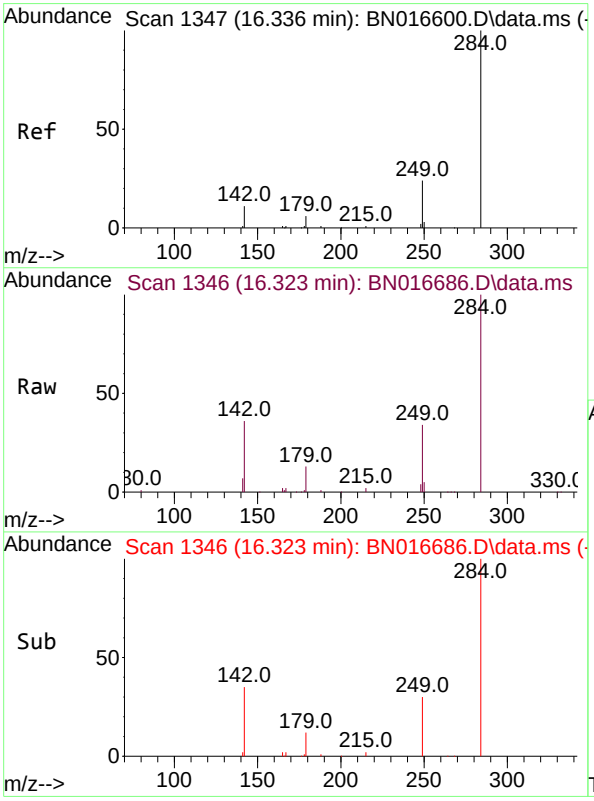
#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.226 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:248 Resp: 32404

Ion	Ratio	Lower	Upper
248	100		
250	100.8	78.6	117.8
141	40.3	38.6	57.8



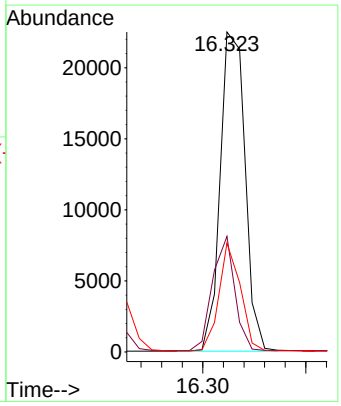
Instrument :
BNA_N
ClientSampleId :



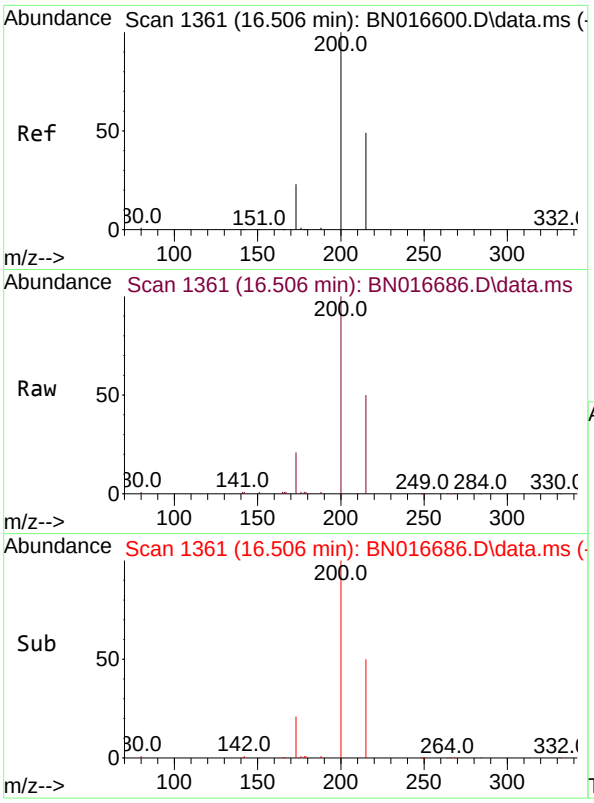
#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.323 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:284 Resp: 37628

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.4	39.6
249	29.2	23.4	35.2



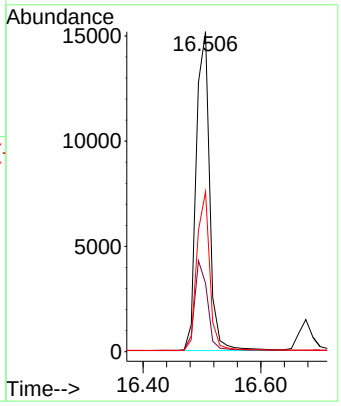
Instrument :
BNA_N
ClientSampleId :

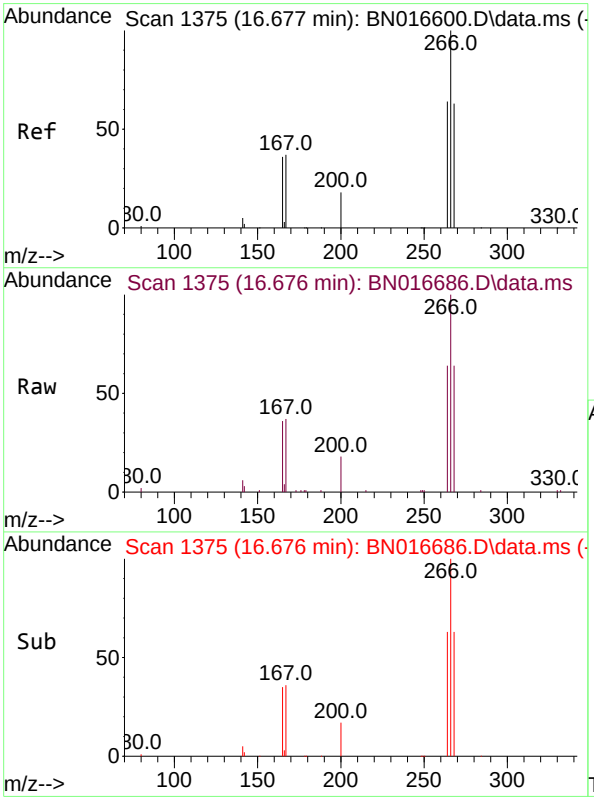


#23
Atrazine
Concen: 0.367 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:200 Resp: 24060

Ion	Ratio	Lower	Upper
200	100		
173	21.4	18.6	27.8
215	50.0	39.4	59.2

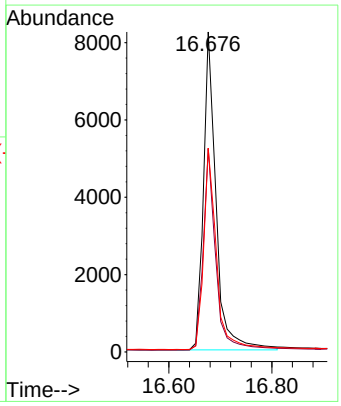




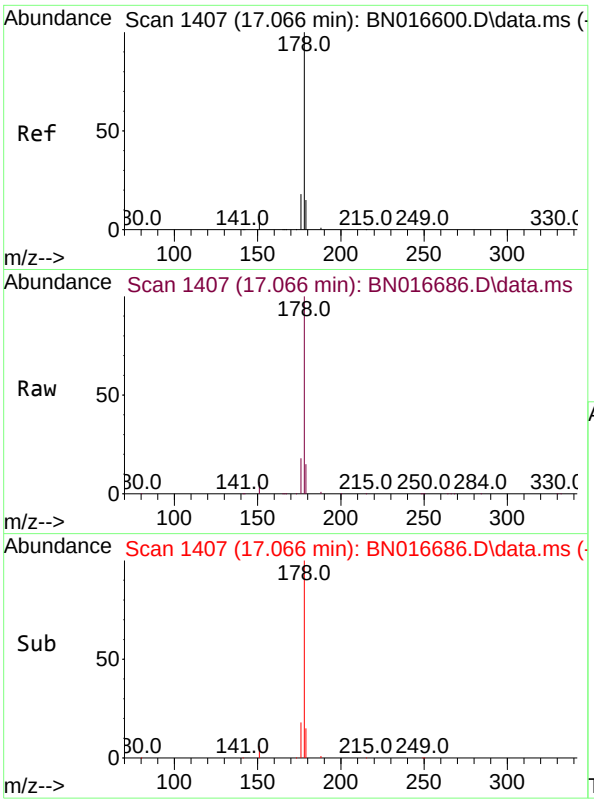
#24
Pentachlorophenol
Concen: 0.406 ng
RT: 16.676 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:266 Resp: 14052

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.6
268	63.9	51.4	77.2



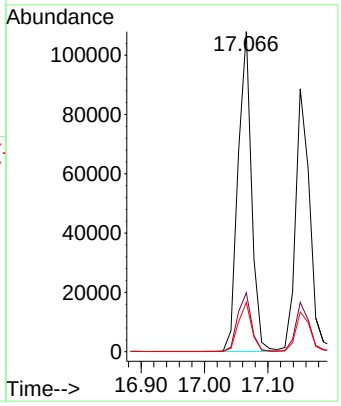
Instrument :
BNA_N
ClientSampleId :

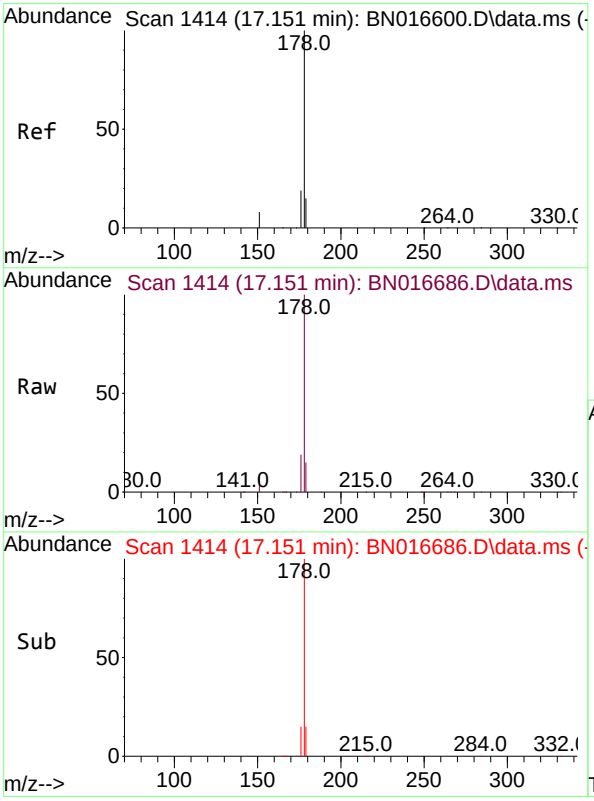


#25
Phenanthrene
Concen: 0.365 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:178 Resp: 159442

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.2	18.4

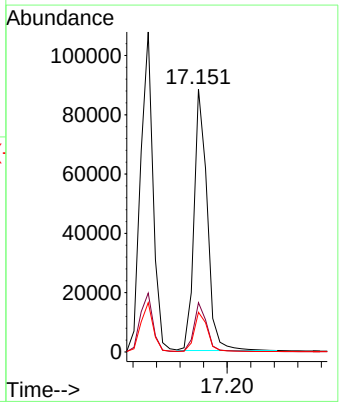




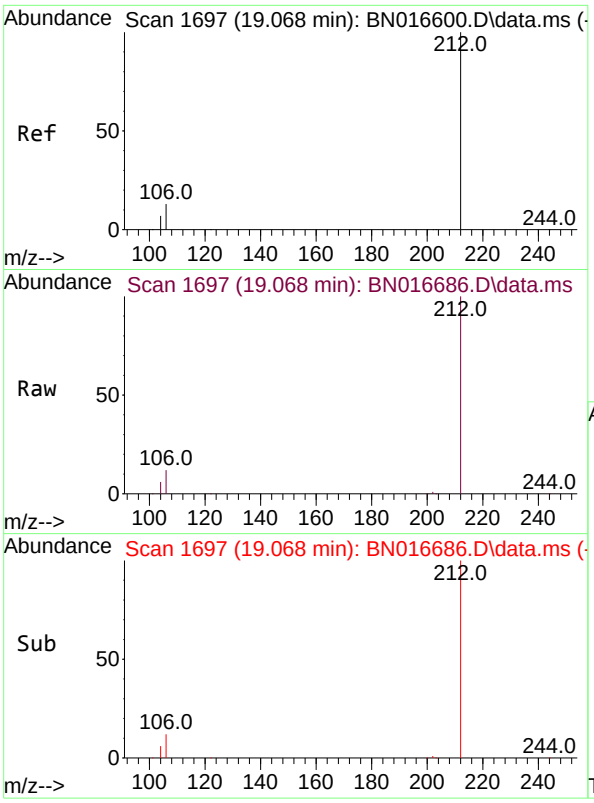
#26
Anthracene
Concen: 0.363 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:178 Resp: 137079

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.2	18.4



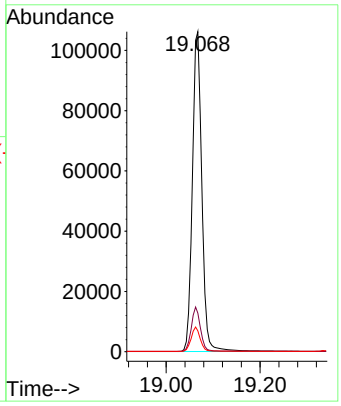
Instrument :
BNA_N
ClientSampleId :

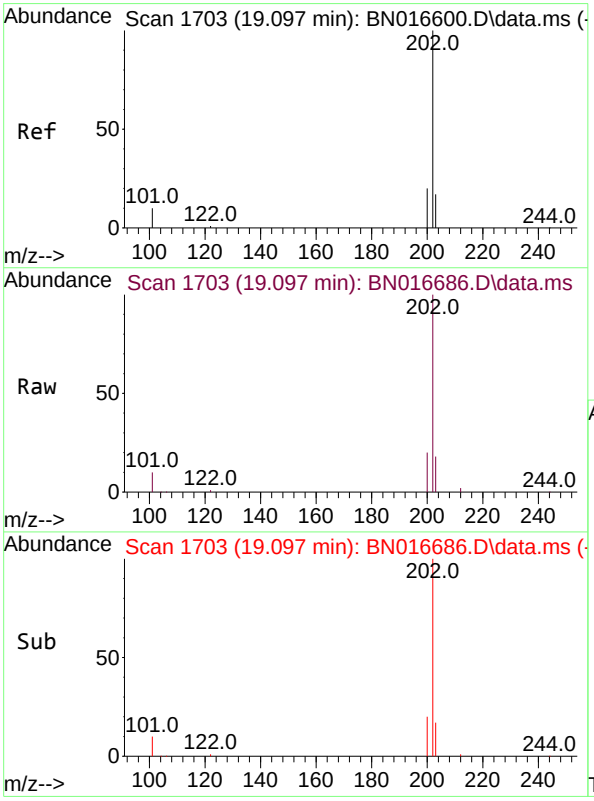


#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:212 Resp: 148352

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.6	16.0
104	7.3	5.9	8.9

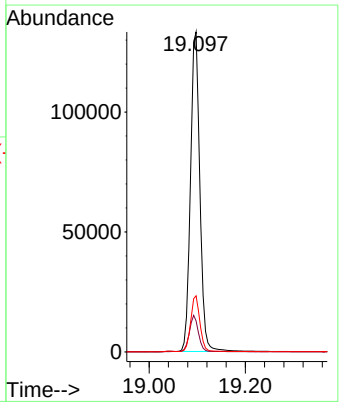




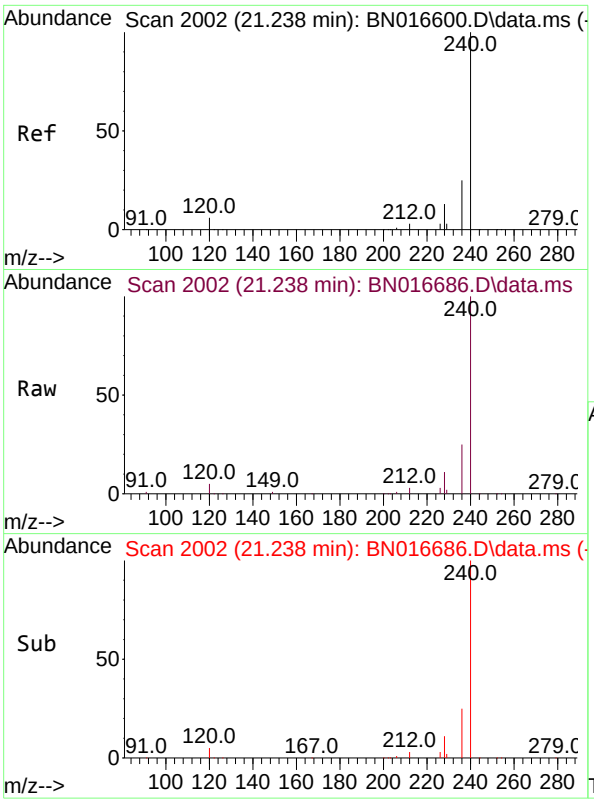
#28
Fluoranthene
Concen: 0.384 ng
RT: 19.097 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:202 Resp: 181531

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.4	13.8	20.6



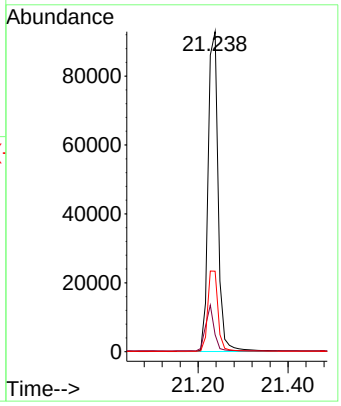
Instrument :
BNA_N
ClientSampleId :

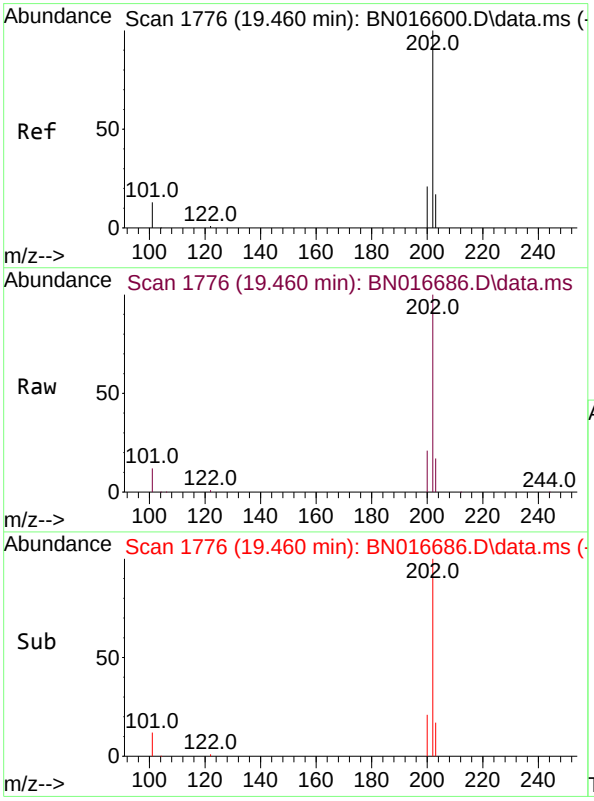


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:240 Resp: 142580

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.4
236	25.2	20.4	30.6

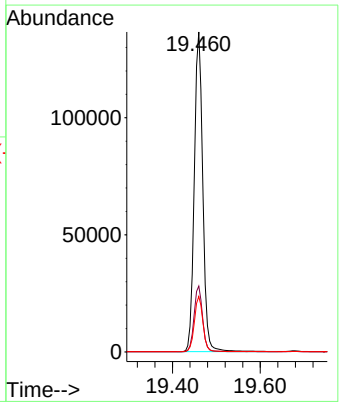




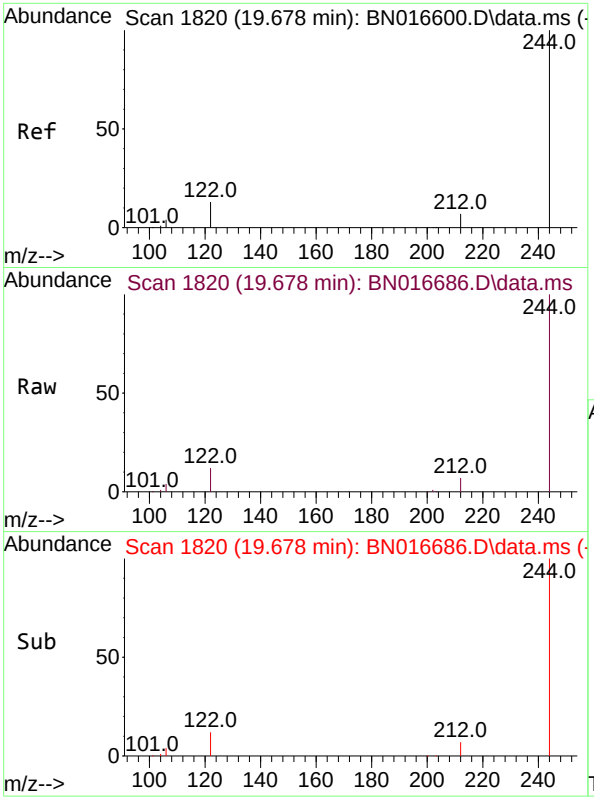
#30
Pyrene
Concen: 0.398 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:202 Resp: 183708

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.4	14.0	21.0



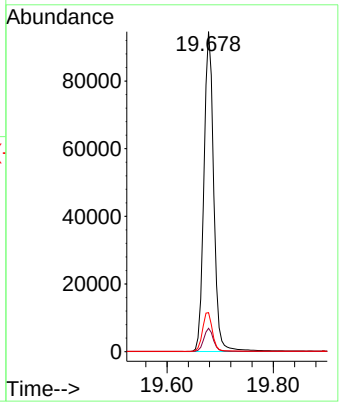
Instrument :
BNA_N
ClientSampleId :

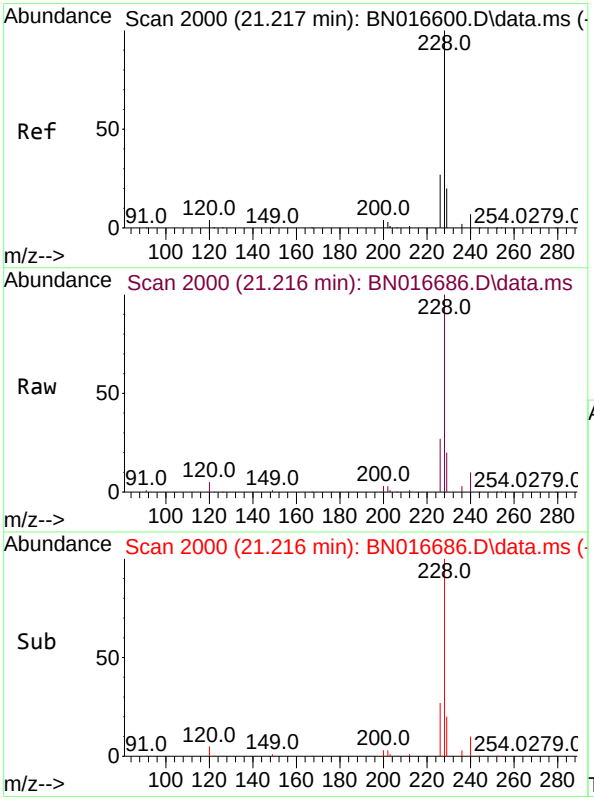


#31
Terphenyl-d14
Concen: 0.390 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:244 Resp: 120881

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.2	10.1	15.1

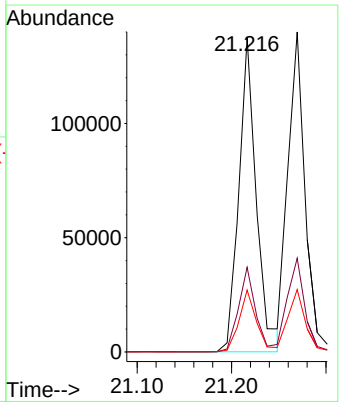


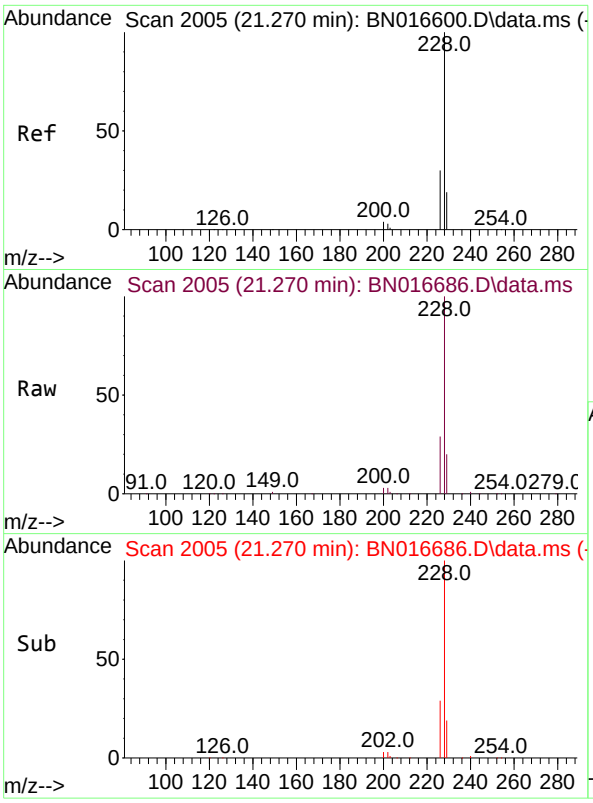


#32
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.216 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:228 Resp: 176833

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	19.6	15.7	23.5

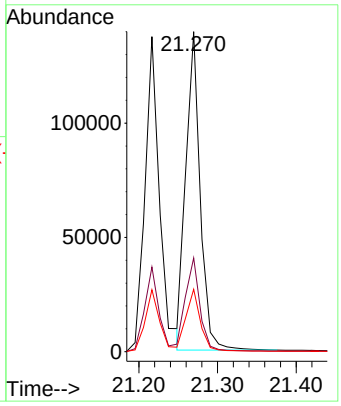




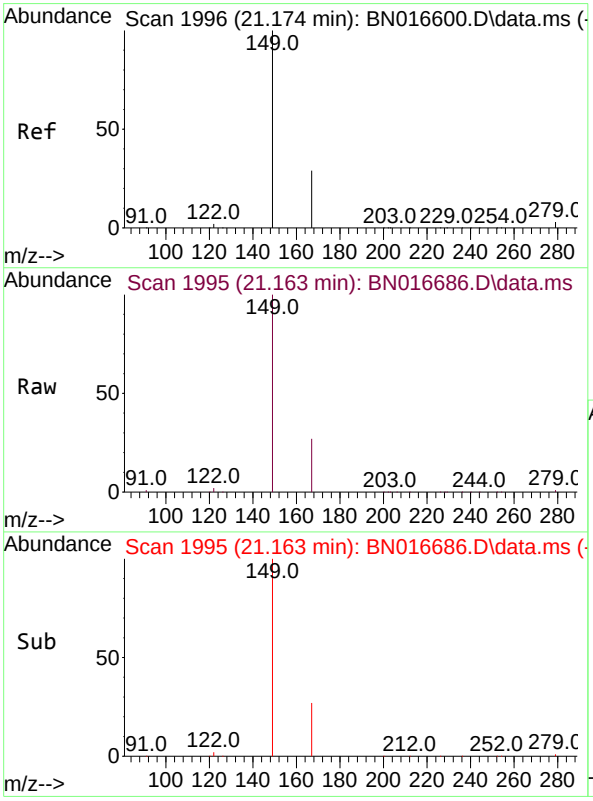
#33
Chrysene
Concen: 0.398 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:228 Resp: 176446

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	19.5	15.5	23.3



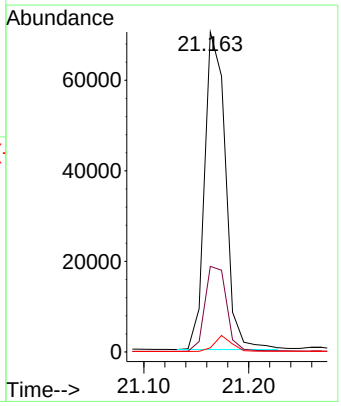
Instrument :
BNA_N
ClientSampleId :

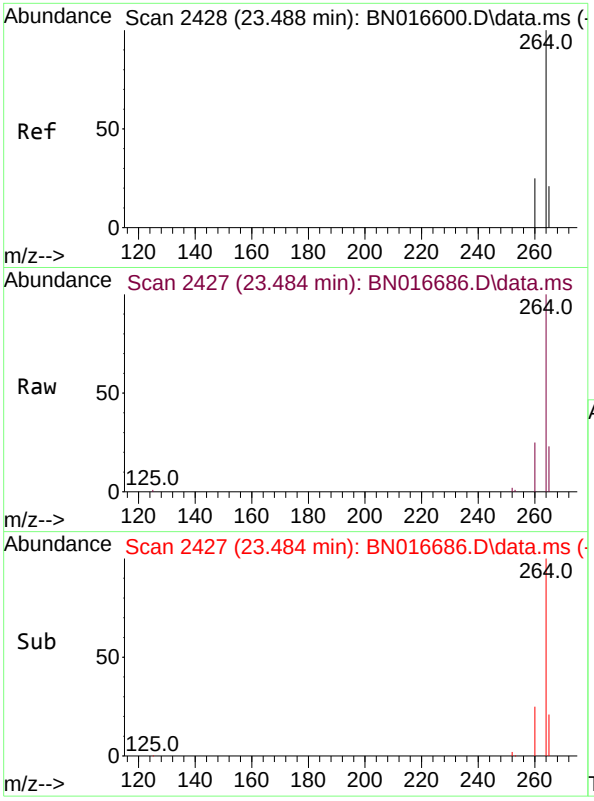


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.554 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:149 Resp: 96743

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.2	3.2	4.8

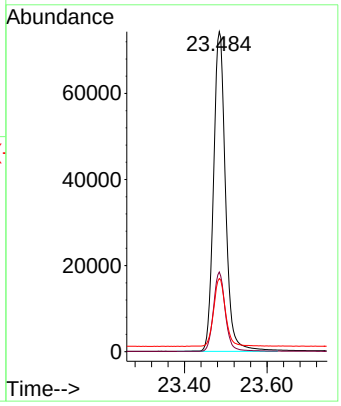




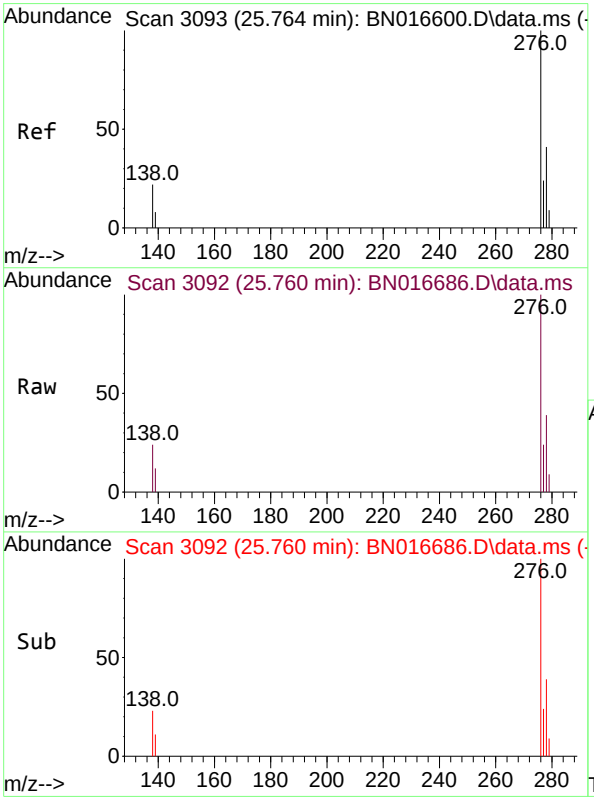
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:264 Resp: 149883

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.8	19.2	28.8



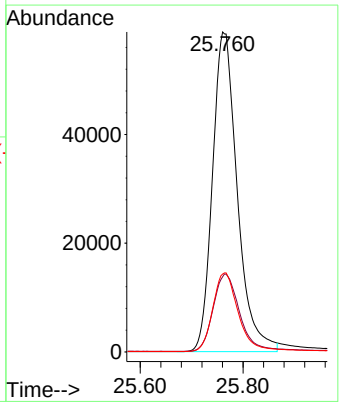
Instrument :
BNA_N
ClientSampleId :



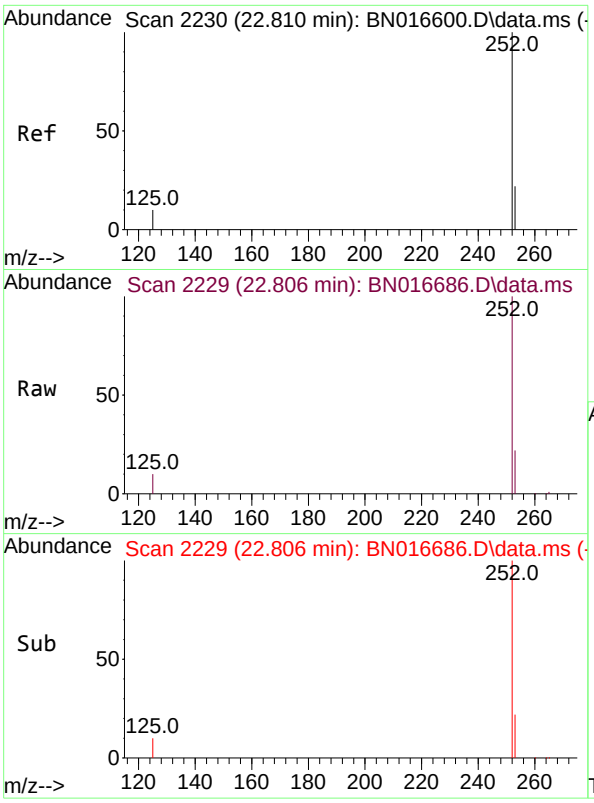
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng
RT: 25.760 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:276 Resp: 196856

Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.5	29.3
277	25.1	19.9	29.9



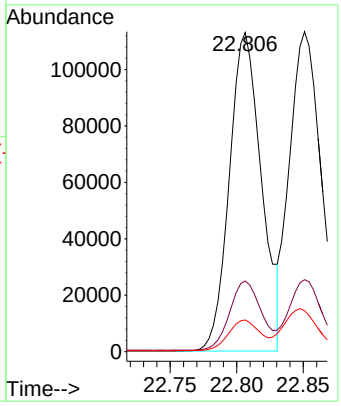
Instrument :
BNA_N
ClientSampleId :

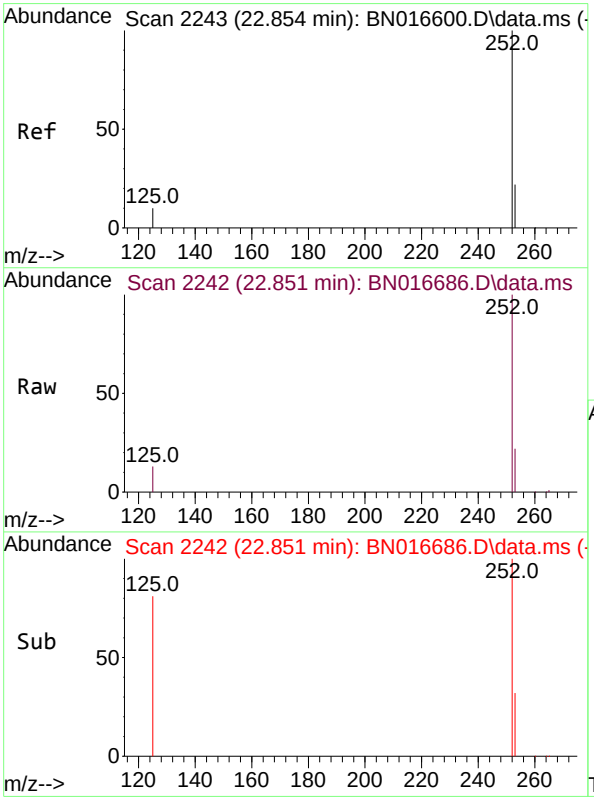


#37
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.806 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:252 Resp: 189571

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	8.0	12.0

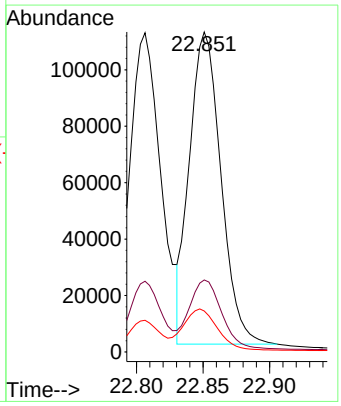


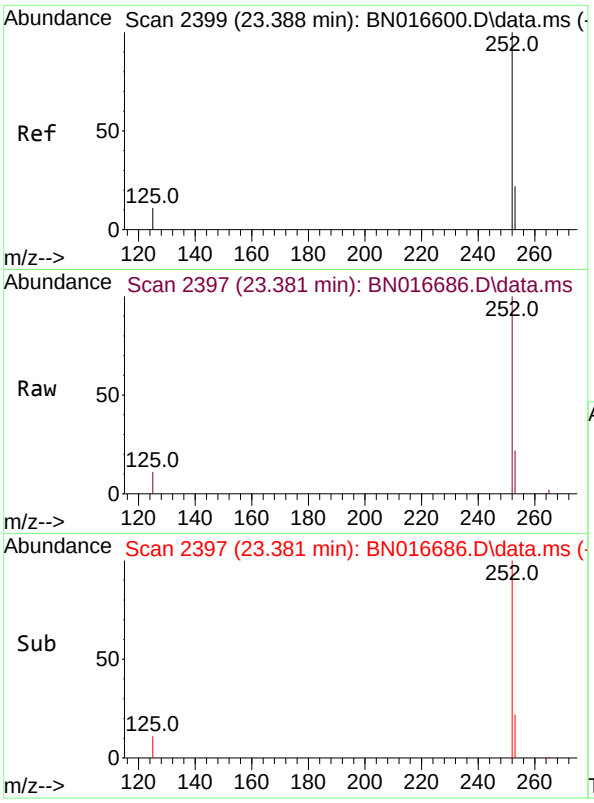


#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:252 Resp: 182242

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.8	8.0	12.0#

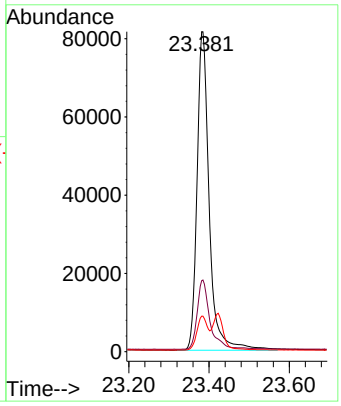




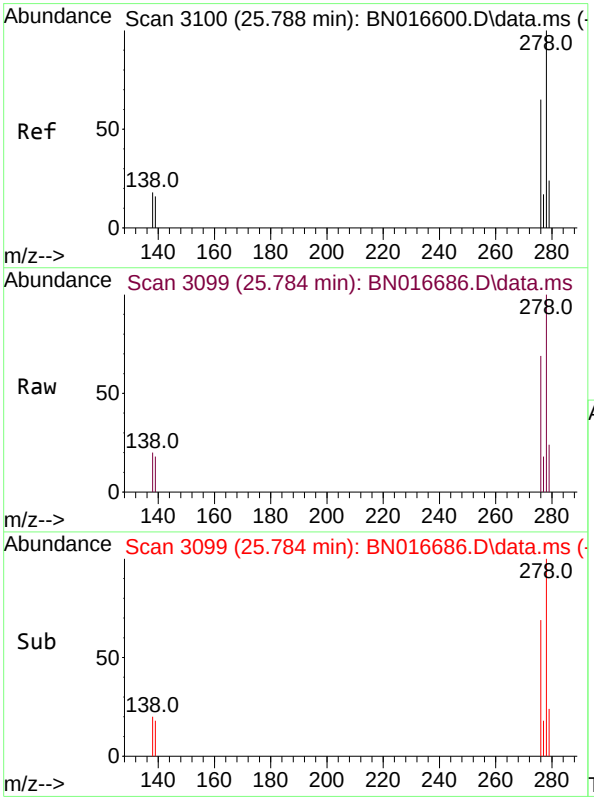
#39
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.381 min Scan# 2397
Delta R.T. -0.007 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:252 Resp: 171429

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.1	9.0	13.4



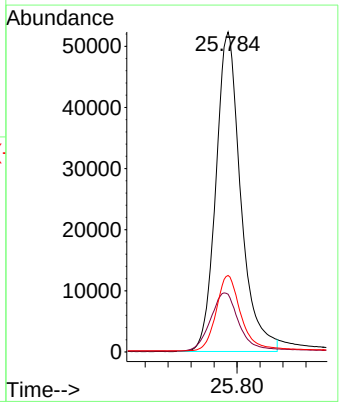
Instrument :
BNA_N
ClientSampleId :

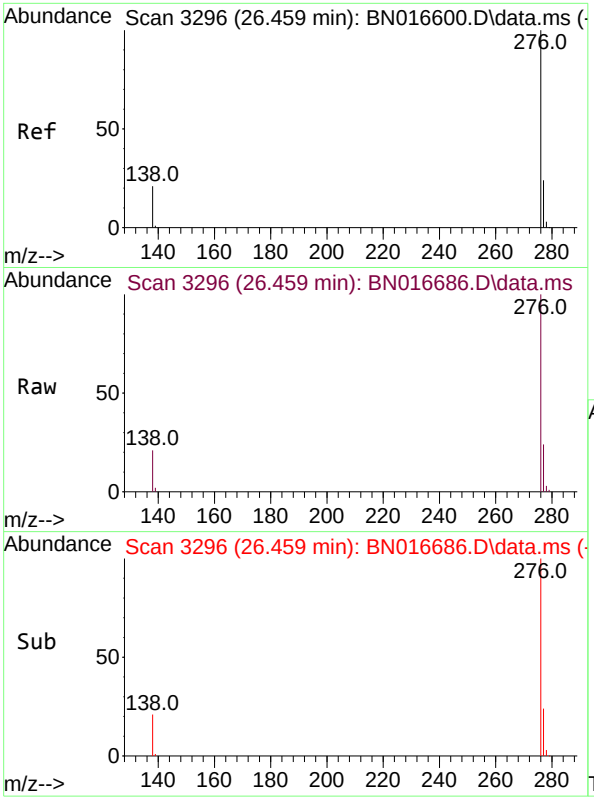


#40
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 25.784 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:278 Resp: 157163

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	23.9	19.1	28.7

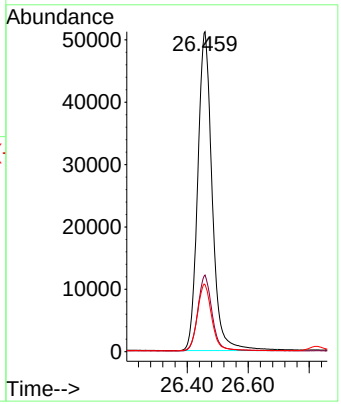




#41
Benzo(g,h,i)perylene
Concen: 0.354 ng
RT: 26.459 min Scan# 3296
Delta R.T. -0.000 min
Lab File: BN016686.D
Acq: 03 Oct 2021 00:22

Tgt Ion:276 Resp: 167429

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	21.0	16.9	25.3



Instrument :
BNA_N
ClientSampleId :