Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016676.D
Acq On : 02 Oct 2021 18:21
Operator : CG/JU
Sample : PB139402BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 04 03:34:54 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	35872	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	158265	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	83950	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	156990	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	150140	0.400	ng	#-0.01
35) Perylene-d12	23.485	264	154207	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	32637	0.357	ng	0.00
5) Phenol-d6	6.822	99	35611	0.356	ng	0.00
8) Nitrobenzene-d5	8.784	82	33655	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	87331	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12344	0.323	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	124119	0.365	ng	-0.01
27) Fluoranthene-d10	19.063	212	154042	0.369	ng	0.00
31) Terphenyl-d14	19.679	244	128280	0.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4968	0.301	ng	# 89
3) n-Nitrosodimethylamine	3.595	42	9756	0.368	ng	98
6) bis(2-Chloroethyl)ether	7.080	93	37263	0.383	ng	100
9) Naphthalene	10.457	128	158348	0.368	ng	100
10) Hexachlorobutadiene	10.749	225	30326	0.376	ng	# 100
12) 2-Methylnaphthalene	12.078	142	103669	0.377	ng	99
16) Acenaphthylene	13.990	152	128146	0.349	ng	100
17) Acenaphthene	14.332	154	90732	0.367	ng	100
18) Fluorene	15.322	166	109687	0.375	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	2227	0.246	ng	99
21) 4-Bromophenyl-phenylether	16.227	248	34957	0.358	ng	93
22) Hexachlorobenzene	16.324	284	42065	0.372	ng	99
23) Atrazine	16.506	200	21578	0.305	ng	98
24) Pentachlorophenol	16.677	266	11333	0.303	ng	99
25) Phenanthrene	17.066	178	176459	0.373	ng	100
26) Anthracene	17.151	178	141678	0.347	ng	100
28) Fluoranthene	19.093	202	193675	0.380	ng	100
30) Pyrene	19.460	202	193893	0.399	ng	100
32) Benzo(a)anthracene	21.217	228	168012	0.365	ng	99
33) Chrysene	21.270	228	193758	0.415	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	54700	0.298	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	193299	0.351	ng	99
37) Benzo(b)fluoranthene	22.807	252	179859	0.363	ng	99
38) Benzo(k)fluoranthene	22.848	252	189946	0.388	ng	98
39) Benzo(a)pyrene	23.385	252	165600	0.375	ng	99
40) Dibenzo(a,h)anthracene	25.781	278	150415	0.339	ng	99
41) Benzo(g,h,i)perylene	26.456	276	170170	0.350	ng	100

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

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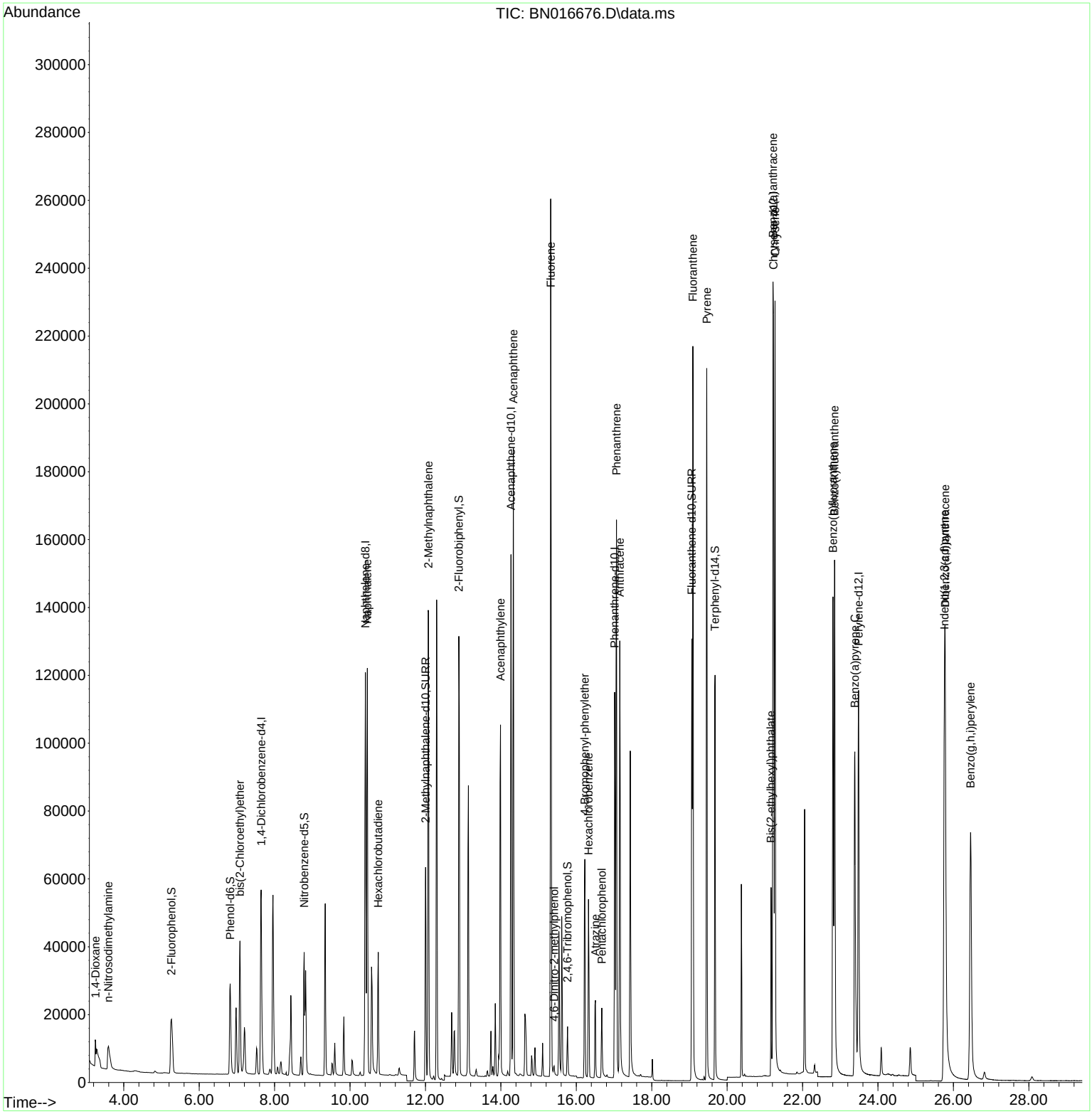
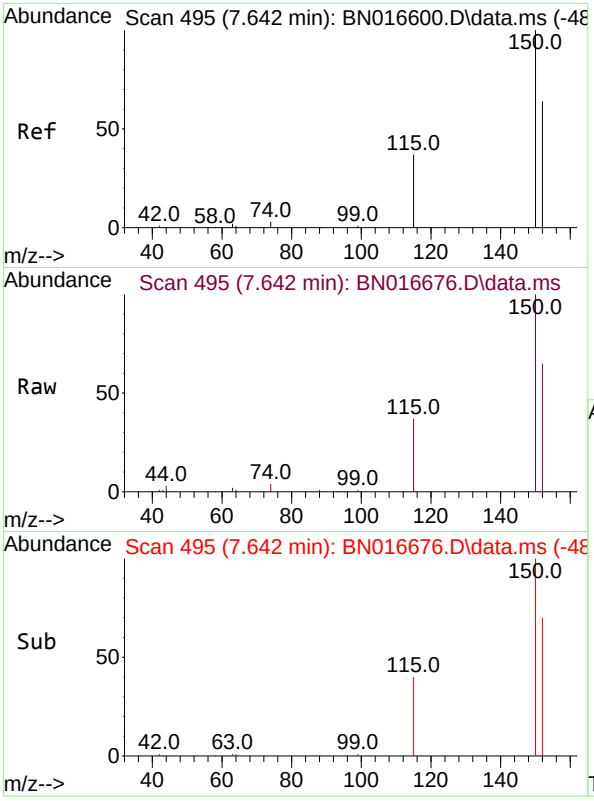


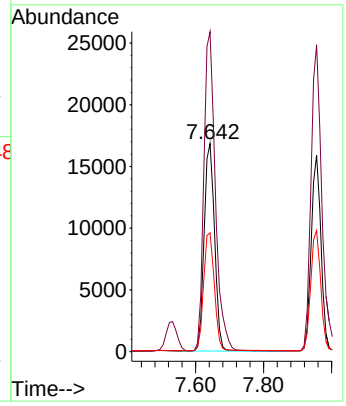
Instrument :
BNA_N
ClientSampleId :

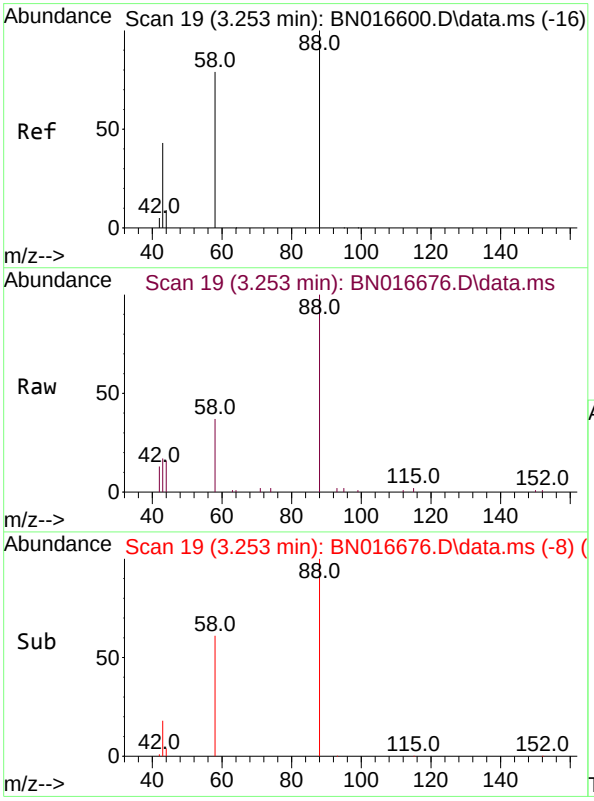


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:152 Resp: 35872

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.1	46.5	69.7

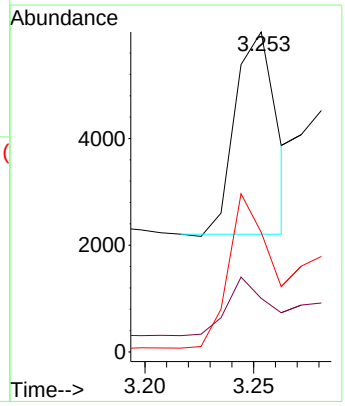




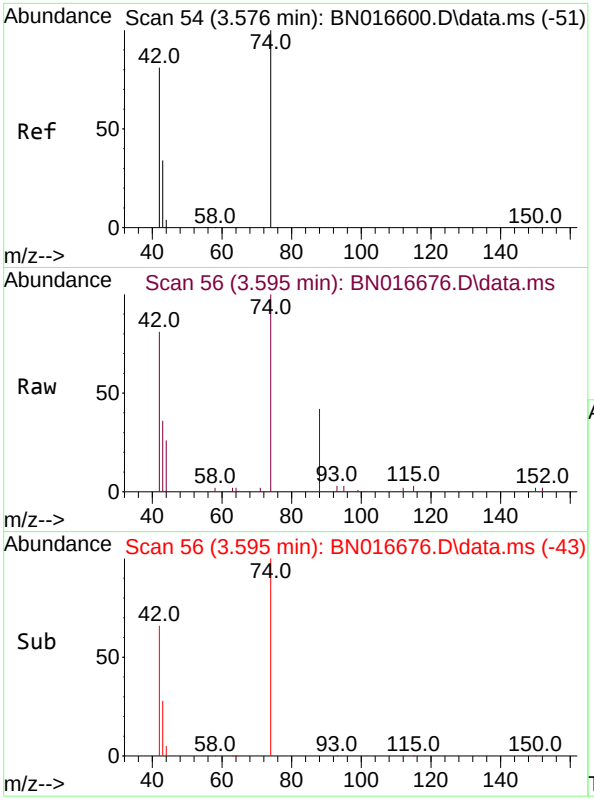
#2
1,4-Dioxane
Concen: 0.301 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion: 88 Resp: 4968

Ion	Ratio	Lower	Upper
88	100		
43	28.9	37.8	56.8#
58	77.7	61.3	91.9



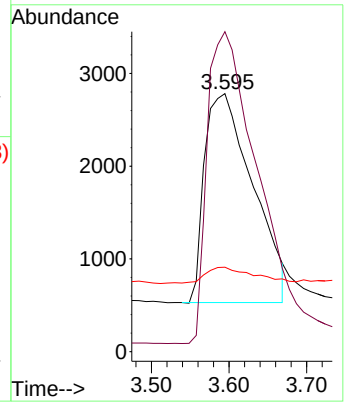
Instrument :
BNA_N
ClientSampleId :

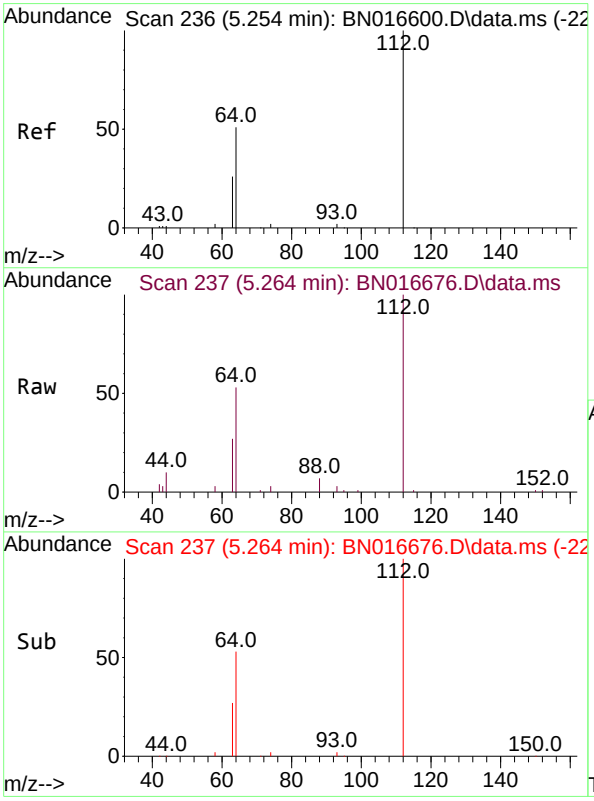


#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.595 min Scan# 56
Delta R.T. 0.019 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion: 42 Resp: 9756

Ion	Ratio	Lower	Upper
42	100		
74	150.0	121.6	182.4
44	7.5	6.3	9.5

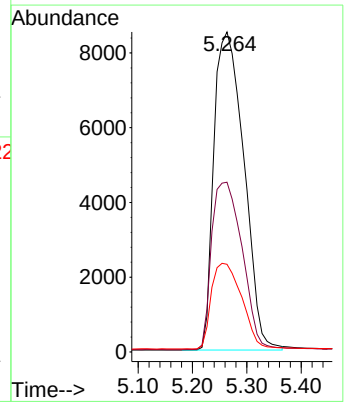




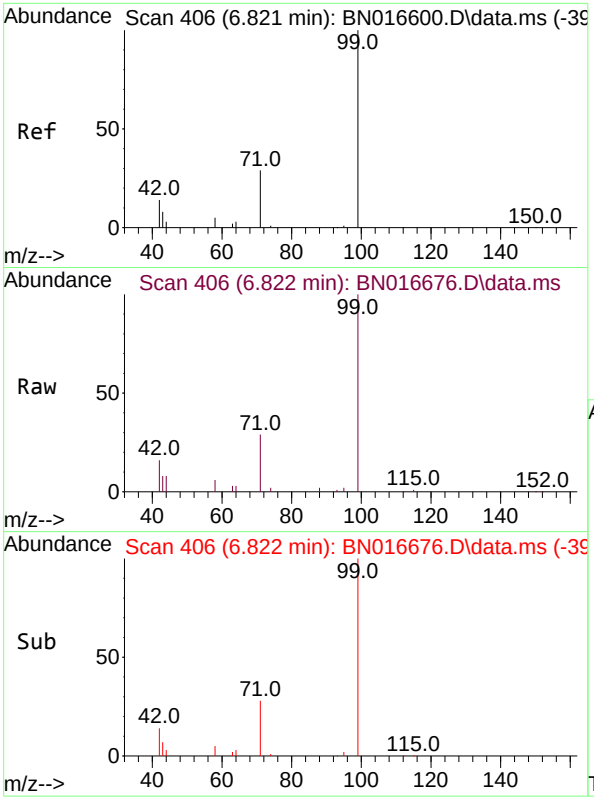
#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:112 Resp: 32637

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	27.2	21.6	32.4



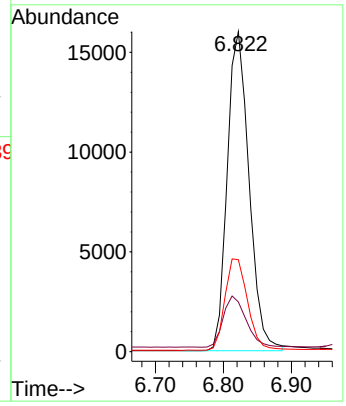
Instrument :
BNA_N
ClientSampleId :

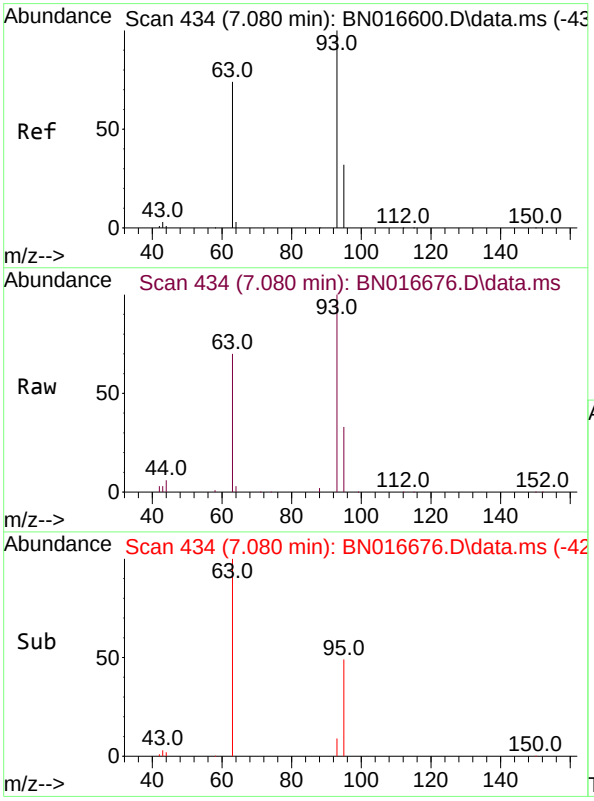


#5
Phenol-d6
Concen: 0.356 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion: 99 Resp: 35611

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.6
71	29.8	23.5	35.3

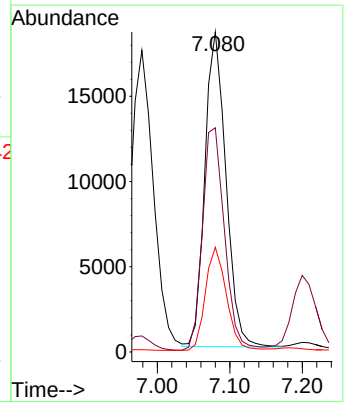


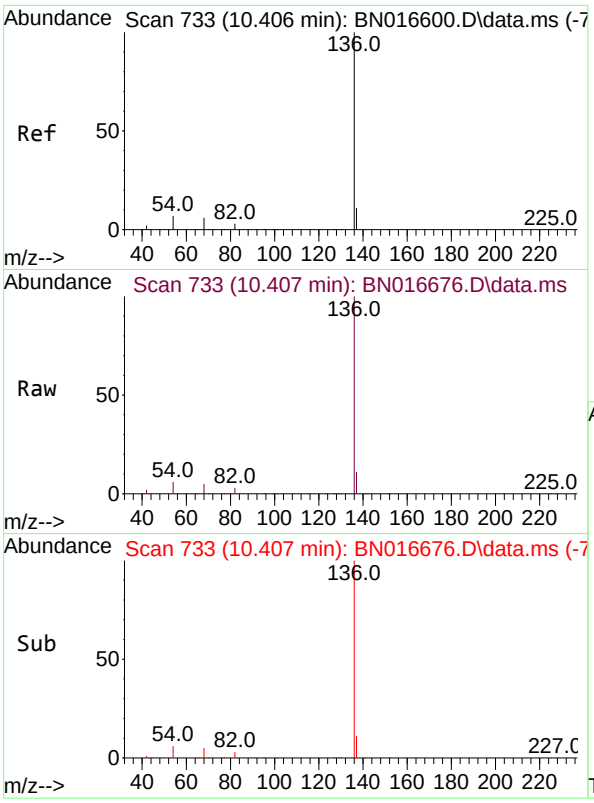


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion: 93 Resp: 37263

Ion	Ratio	Lower	Upper
93	100		
63	74.1	59.1	88.7
95	32.7	26.2	39.4

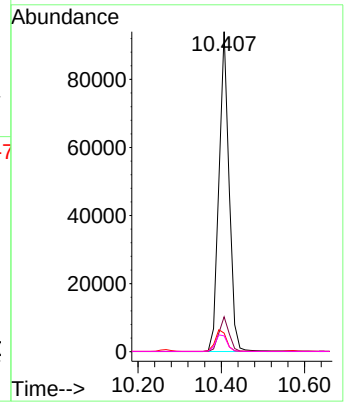




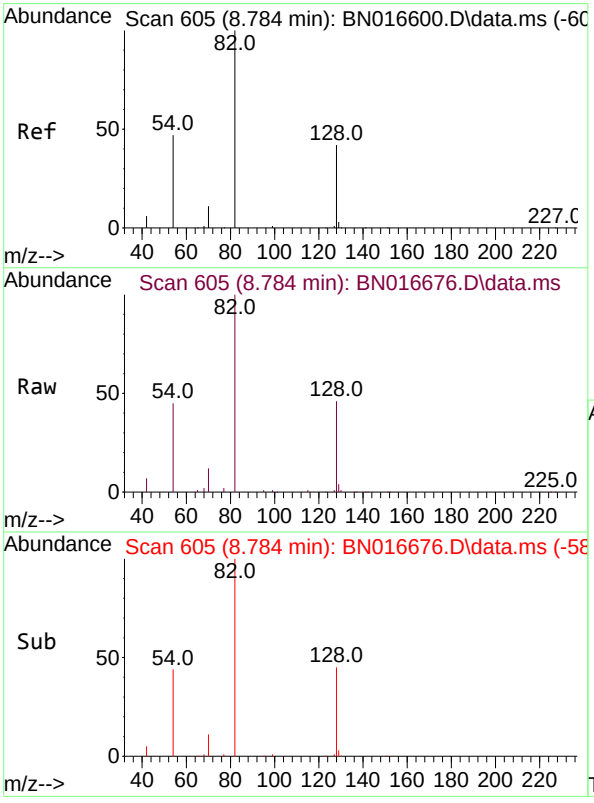
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:136 Resp: 158265

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.8	5.9	8.9#
68	4.9	5.0	7.6#



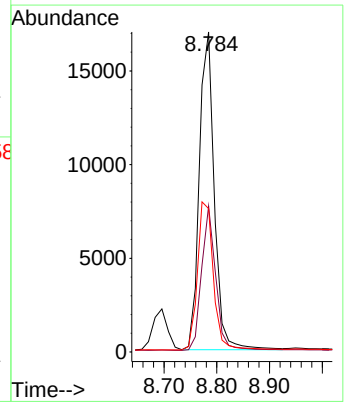
Instrument :
BNA_N
ClientSampleId :

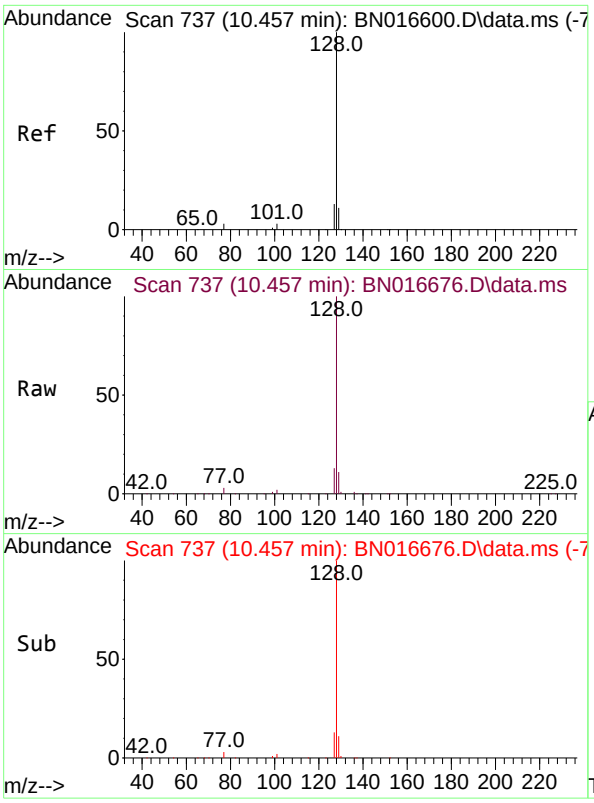


#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion: 82 Resp: 33655

Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.6	50.4
54	44.8	37.6	56.4

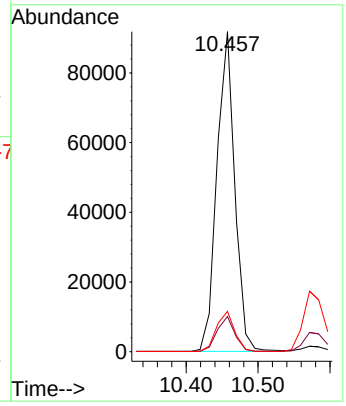




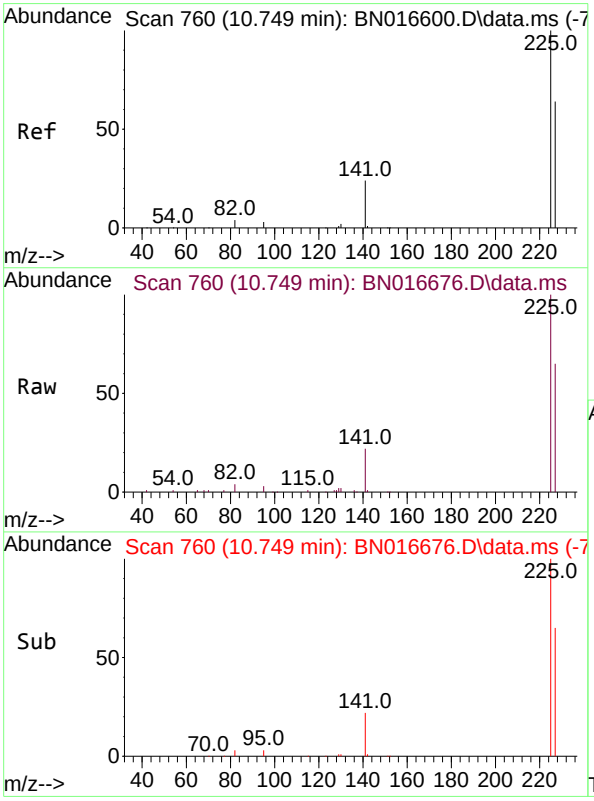
#9
Naphthalene
Concen: 0.368 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:128 Resp: 158348

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.3	15.5



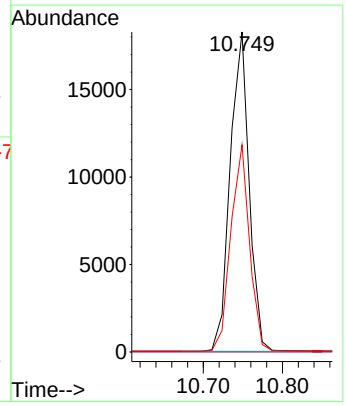
Instrument :
BNA_N
ClientSampleId :

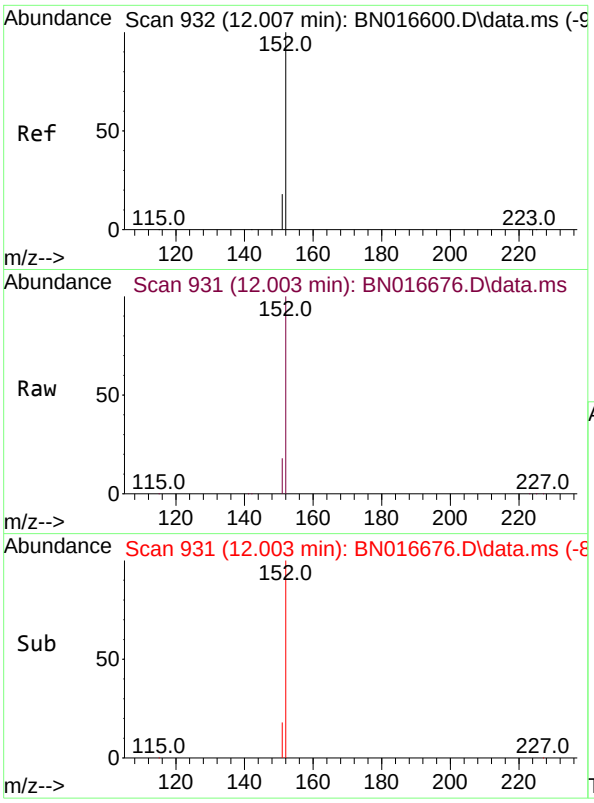


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:225 Resp: 30326

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6

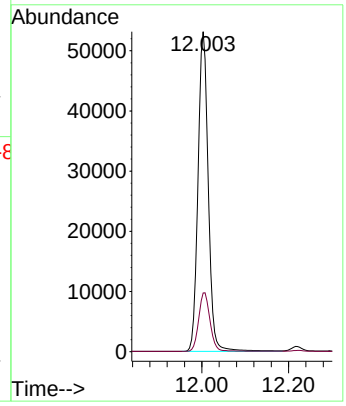


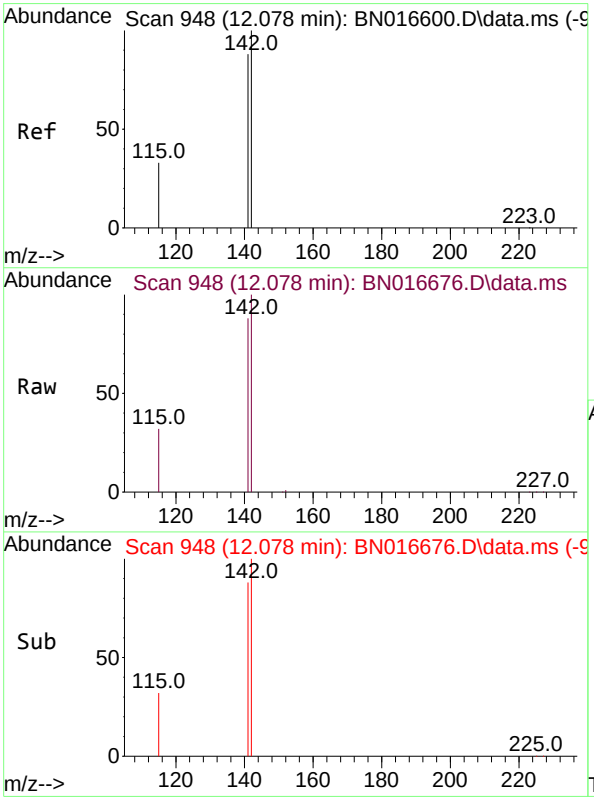


#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:152 Resp: 87331

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

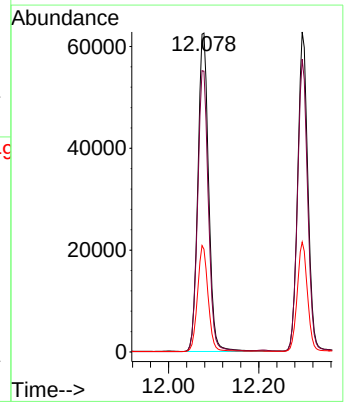




#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:142 Resp: 103669

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	32.2	26.6	39.8



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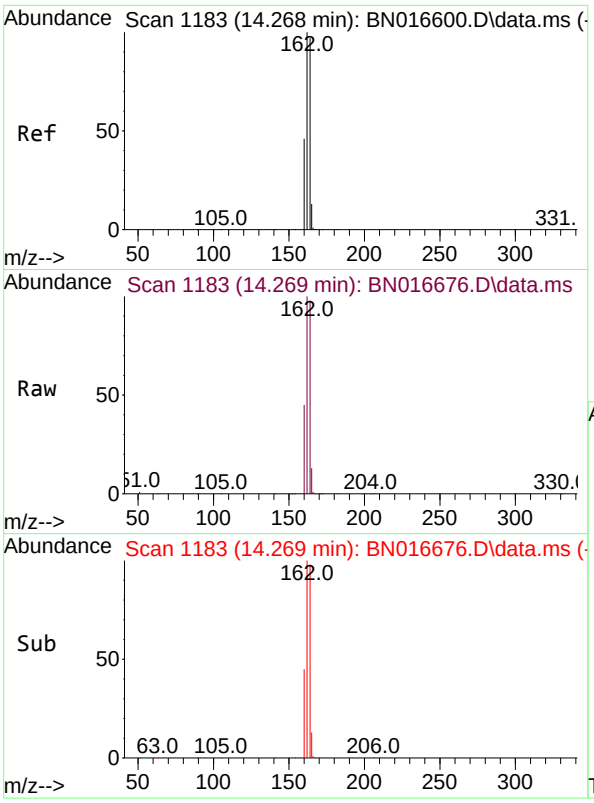
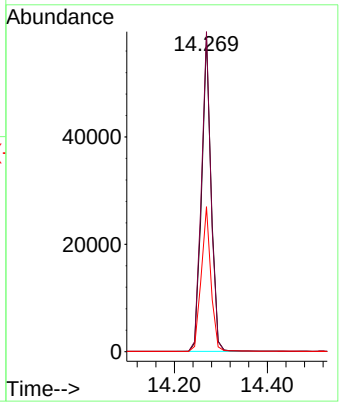
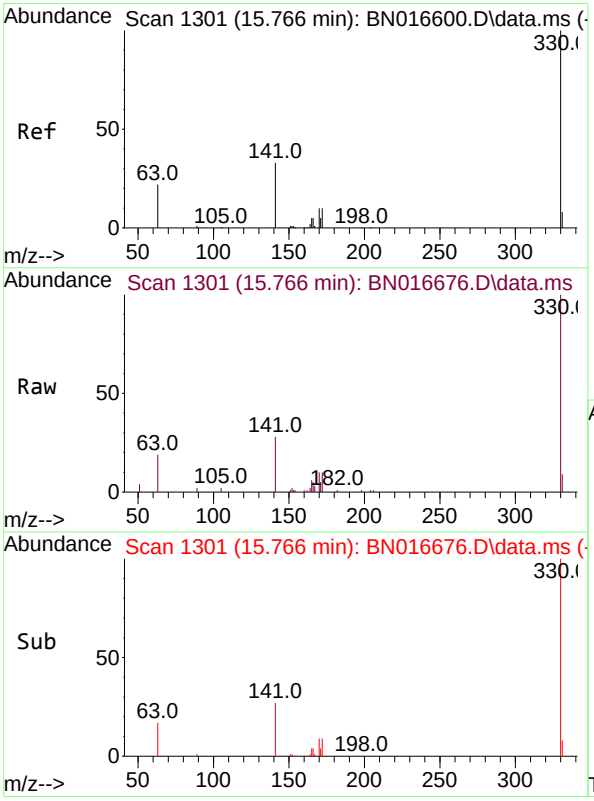


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:164 Resp: 83950

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	46.0	37.7	56.5

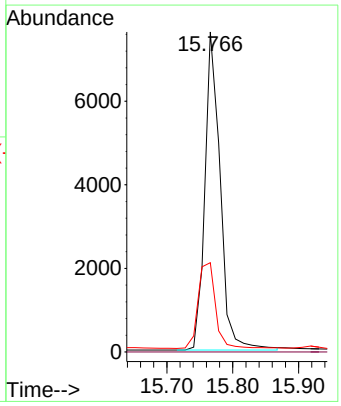


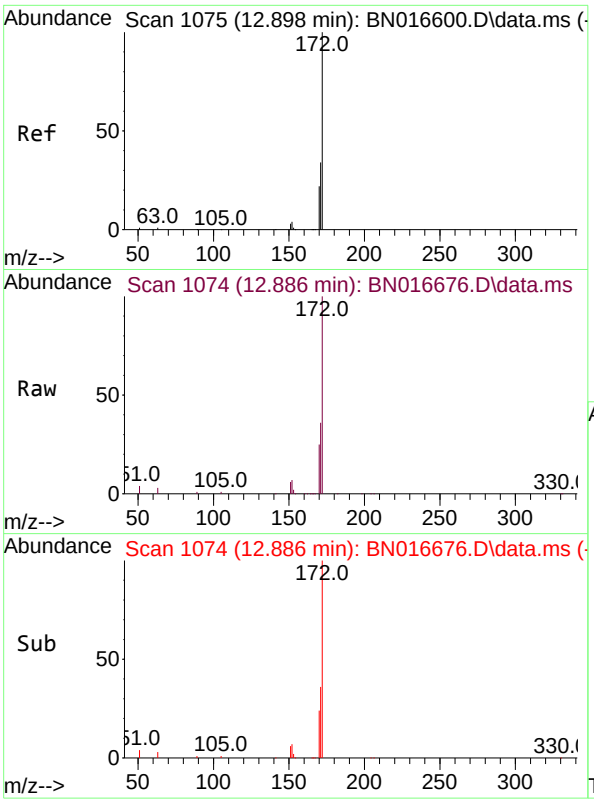


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:330 Resp: 12344

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.6	25.2	37.8

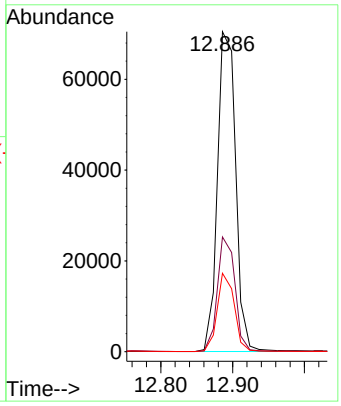




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:172 Resp: 124119

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.0	40.4
170	24.5	17.4	26.2



Instrument :
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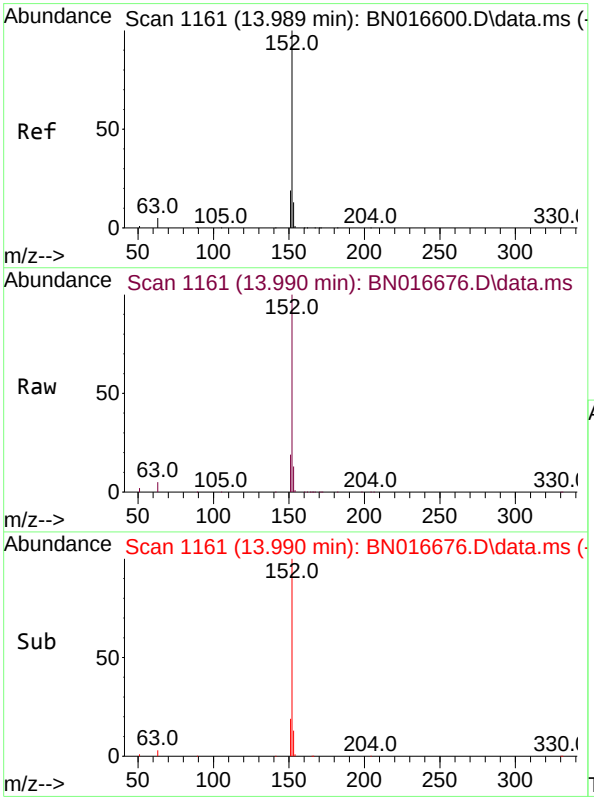
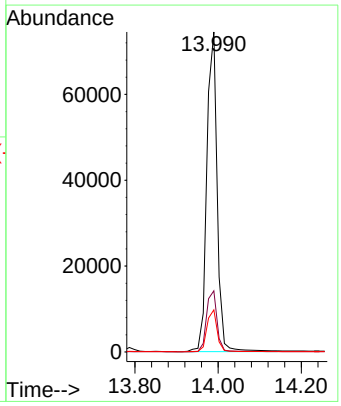


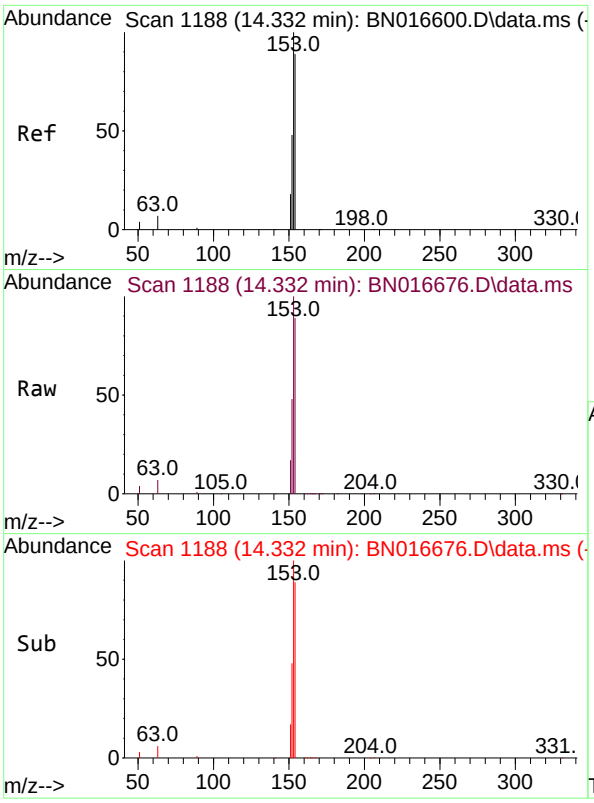
#16
Acenaphthylene
Concen: 0.349 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:152 Resp: 128146

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



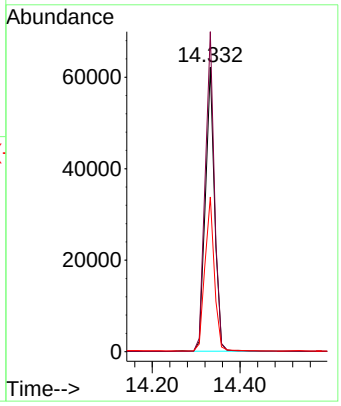
Instrument :
BNA_N
ClientSampleId :

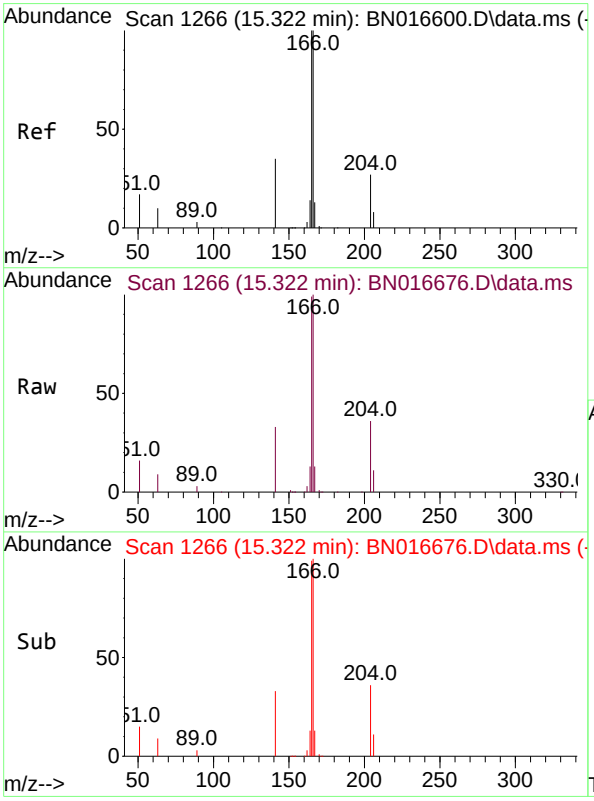


#17
Acenaphthene
Concen: 0.367 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:154 Resp: 90732

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.2
152	55.4	44.0	66.0

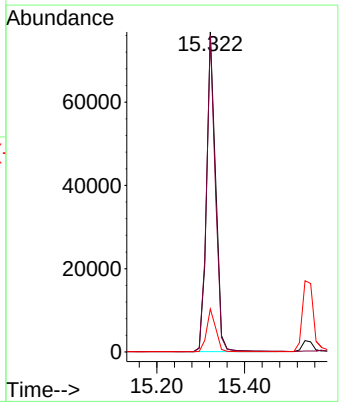




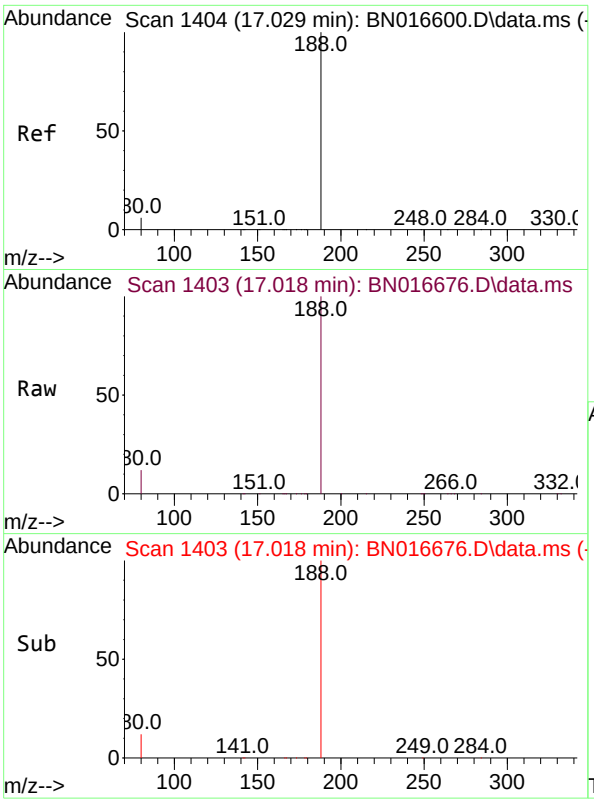
#18
Fluorene
Concen: 0.375 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:166 Resp: 109687

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.5	10.7	16.1



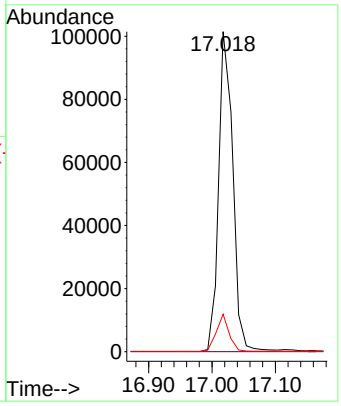
Instrument :
BNA_N
ClientSampleId :

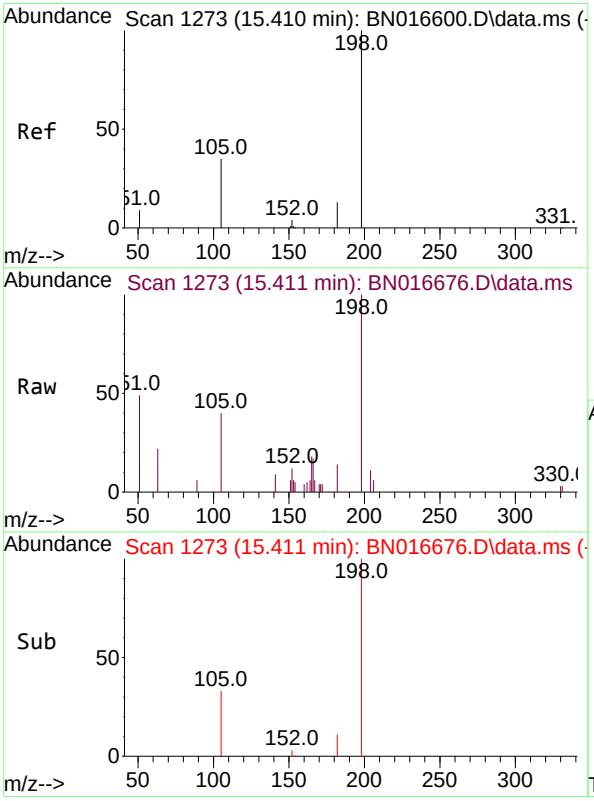


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:188 Resp: 156990

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	5.0	7.6#

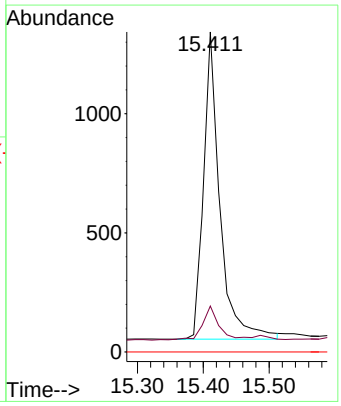




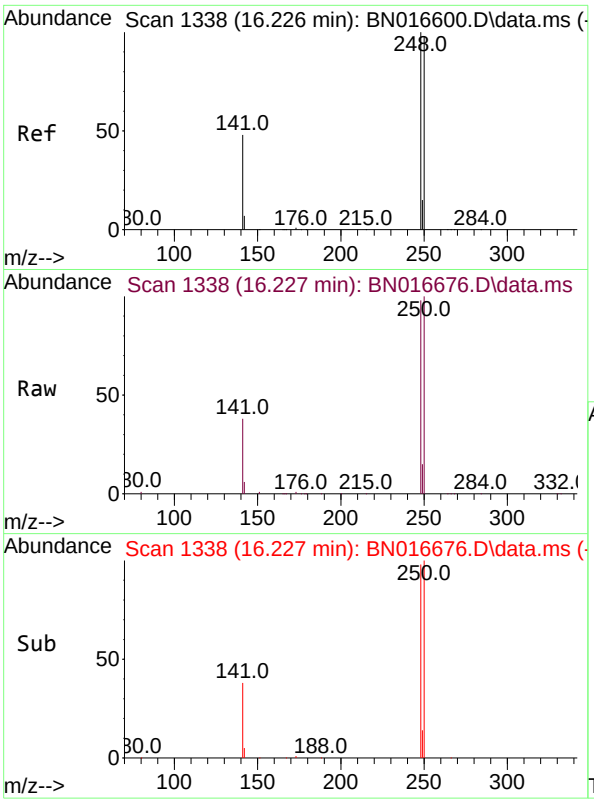
#20
4,6-Dinitro-2-methylphenol
Concen: 0.246 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:198 Resp: 2227

Ion	Ratio	Lower	Upper
198	100		
182	14.4	11.8	17.8
77	0.0	0.0	0.0



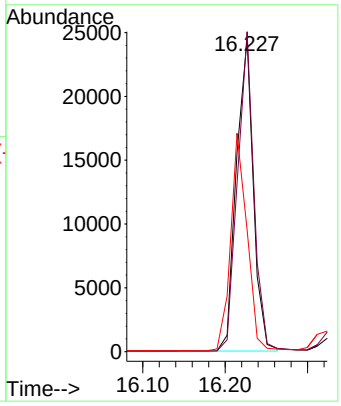
Instrument :
BNA_N
ClientSampleId :

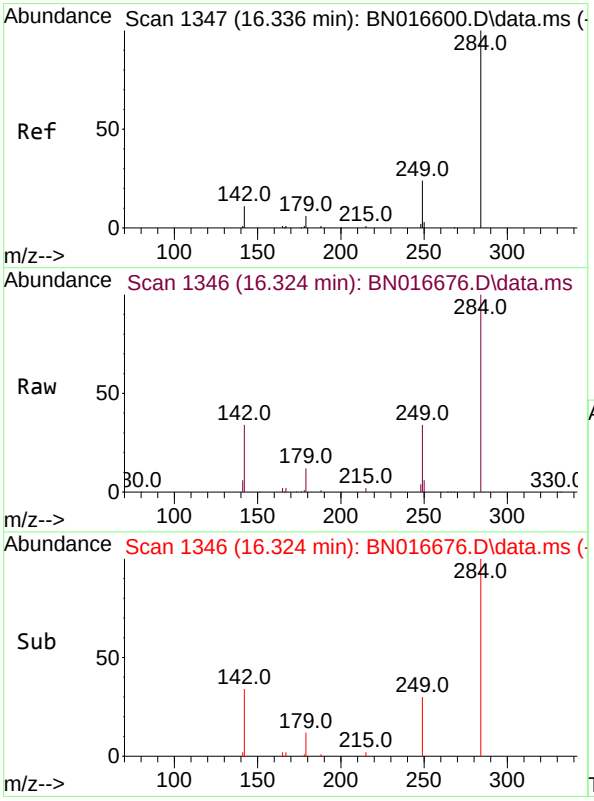


#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.227 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:248 Resp: 34957

Ion	Ratio	Lower	Upper
248	100		
250	102.1	78.6	117.8
141	38.8	38.6	57.8

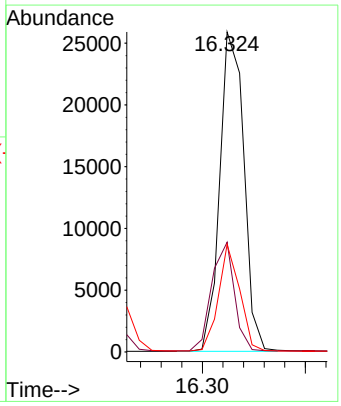




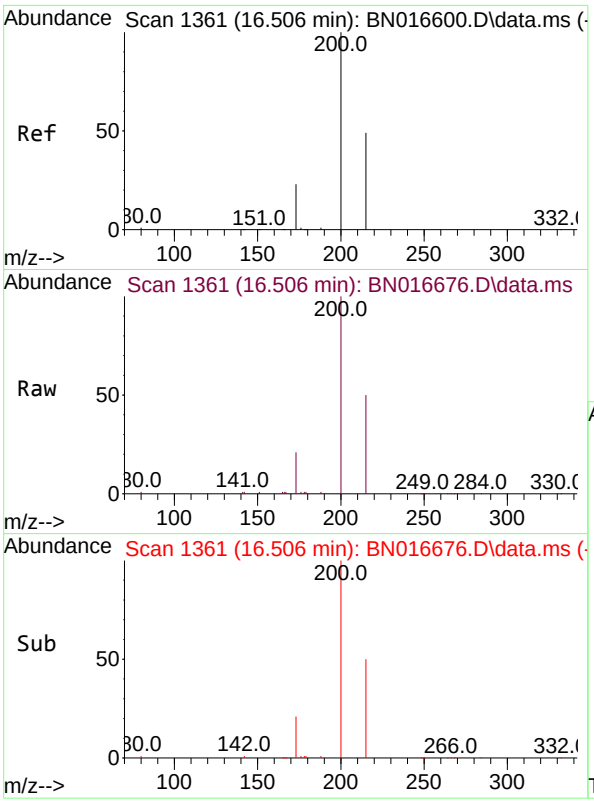
#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:284 Resp: 42065

Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.4	39.6
249	29.4	23.4	35.2



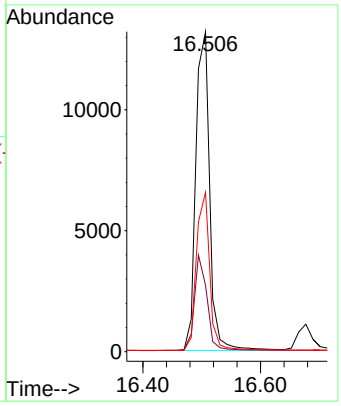
Instrument :
BNA_N
ClientSampleId :

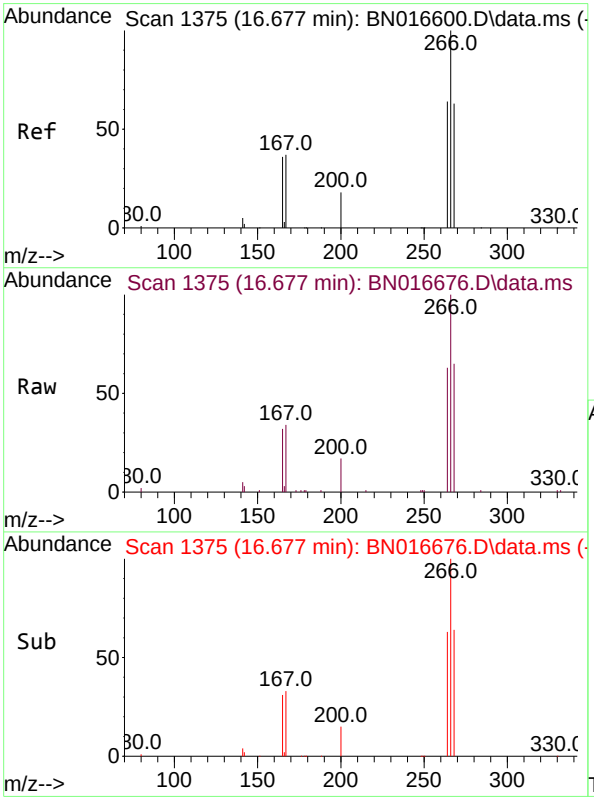


#23
Atrazine
Concen: 0.305 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:200 Resp: 21578

Ion	Ratio	Lower	Upper
200	100		
173	20.8	18.6	27.8
215	49.8	39.4	59.2

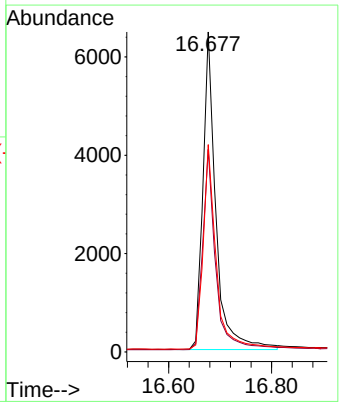


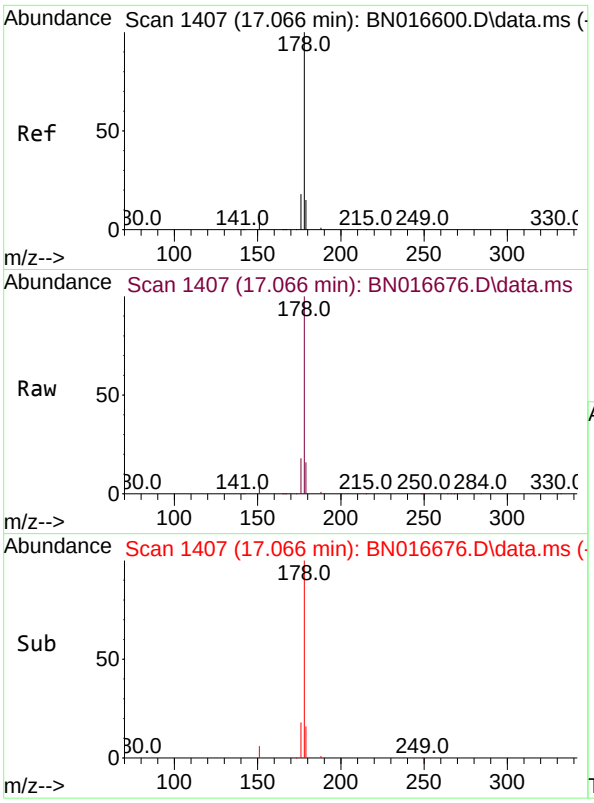


#24
Pentachlorophenol
Concen: 0.303 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:266 Resp: 11333

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.6
268	64.4	51.4	77.2

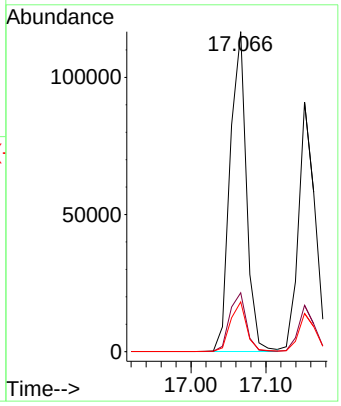




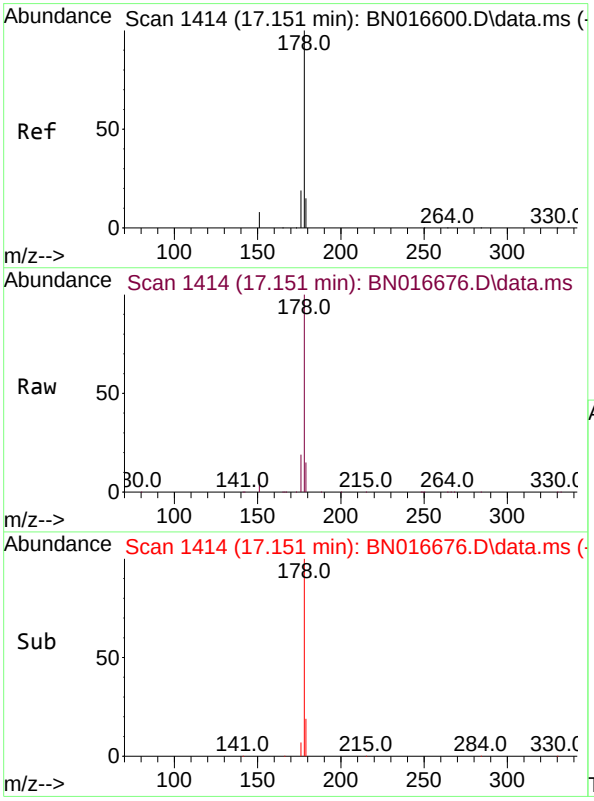
#25
Phenanthrene
Concen: 0.373 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:178 Resp: 176459

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.4



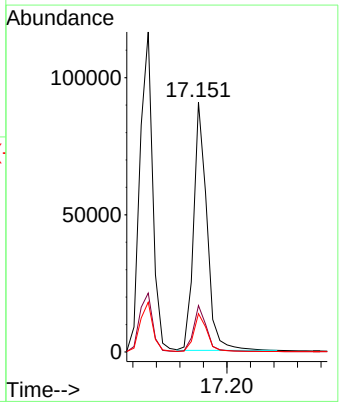
Instrument :
BNA_N
ClientSampleId :

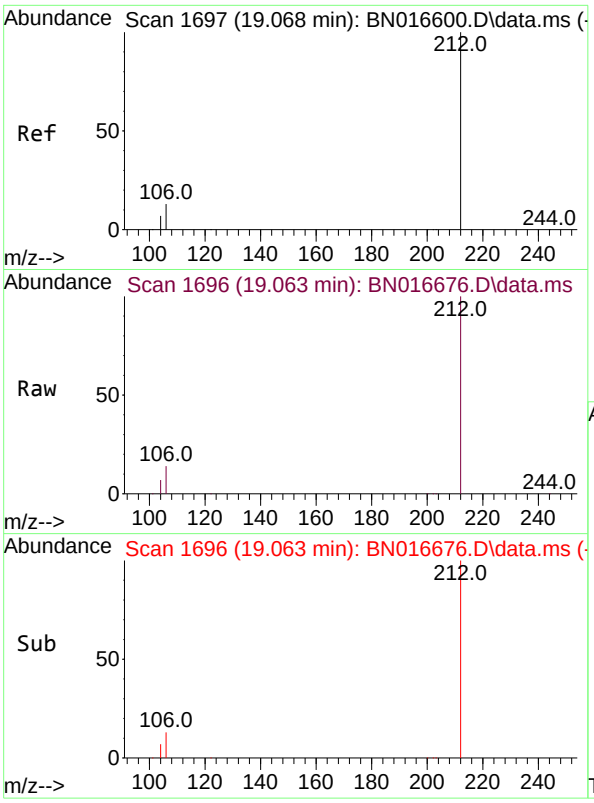


#26
Anthracene
Concen: 0.347 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:178 Resp: 141678

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

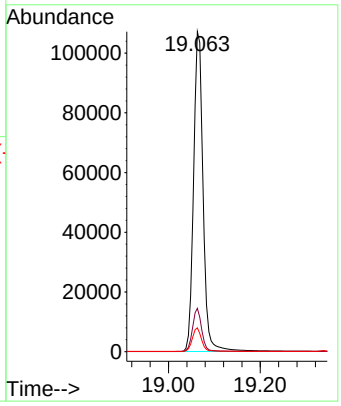




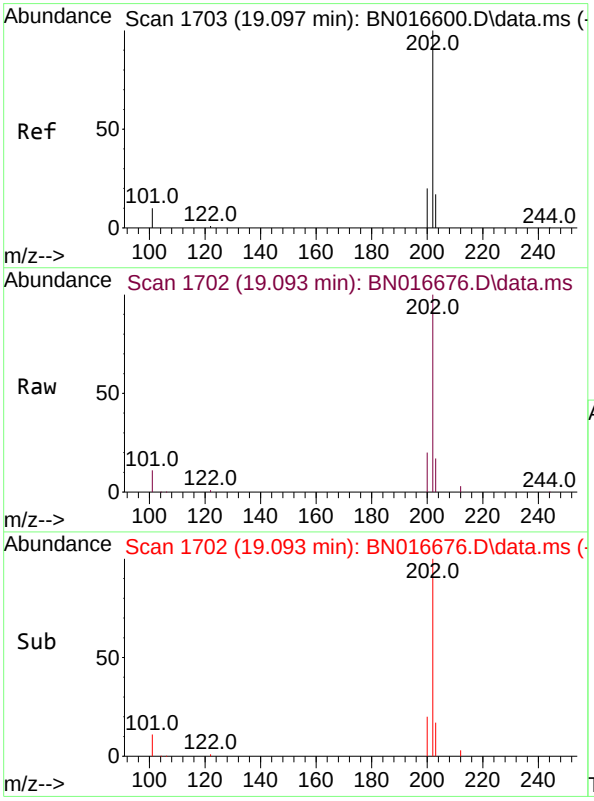
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:212 Resp: 154042

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	16.0
104	7.2	5.9	8.9



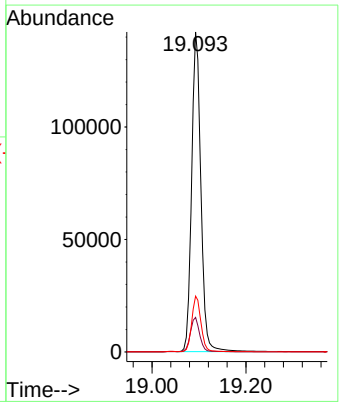
Instrument :
BNA_N
ClientSampleId :



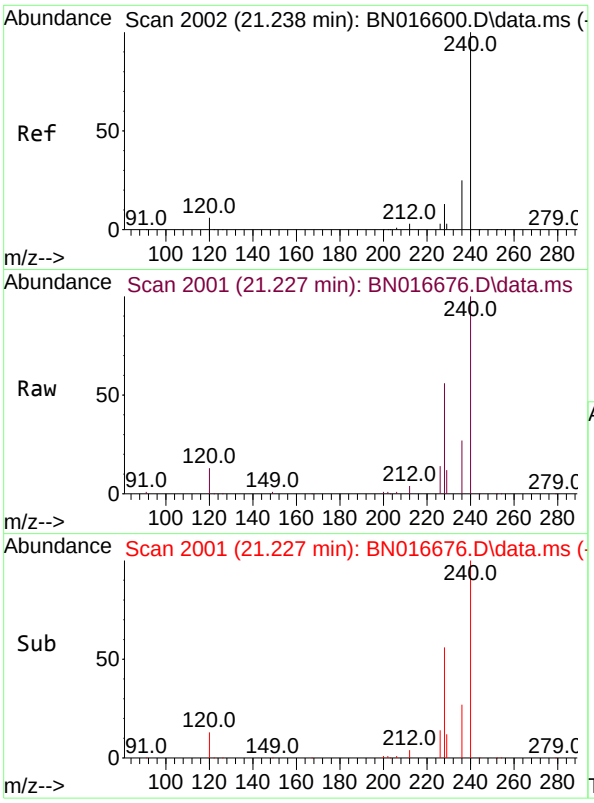
#28
Fluoranthene
Concen: 0.380 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:202 Resp: 193675

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.4	13.8	20.6



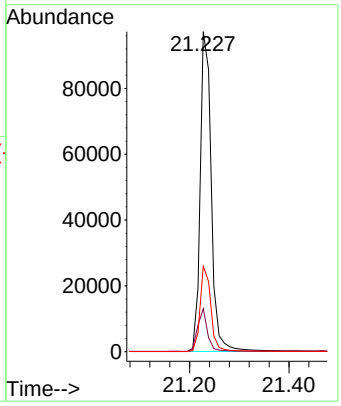
Instrument :
BNA_N
ClientSampleId :

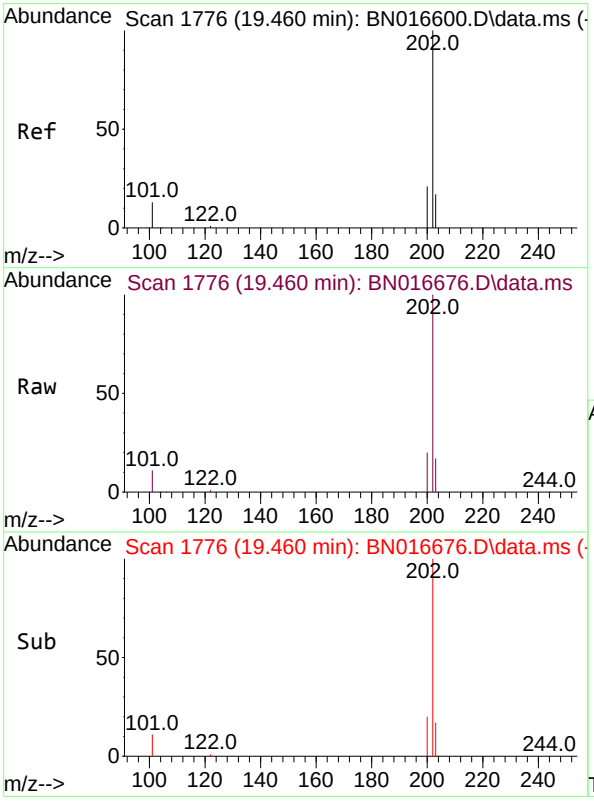


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:240 Resp: 150140

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.0	7.4#
236	26.7	20.4	30.6

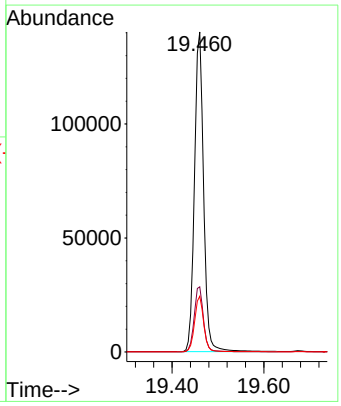


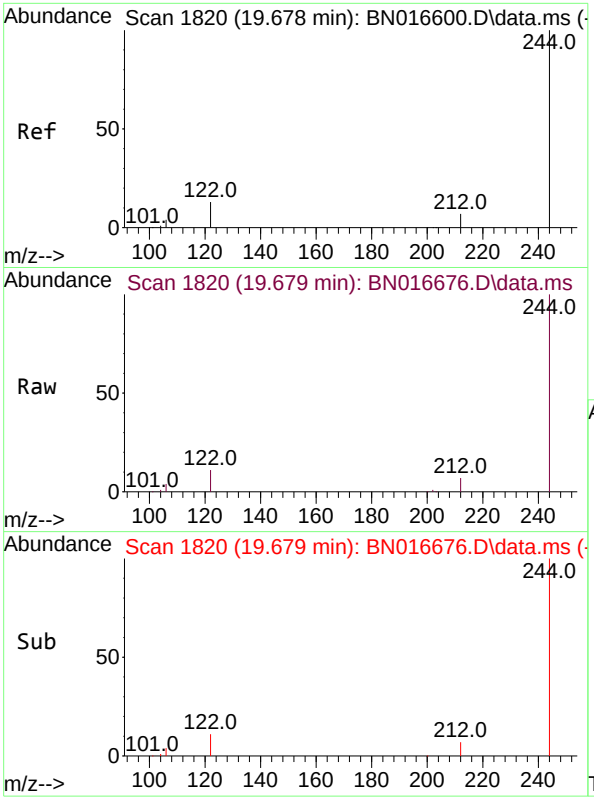


#30
Pyrene
Concen: 0.399 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:202 Resp: 193893

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	14.0	21.0

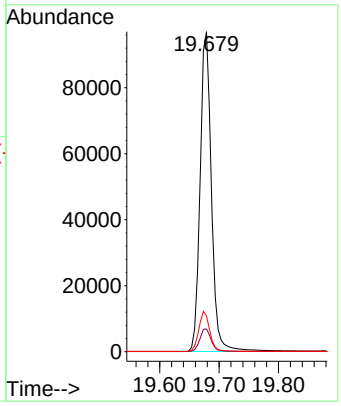




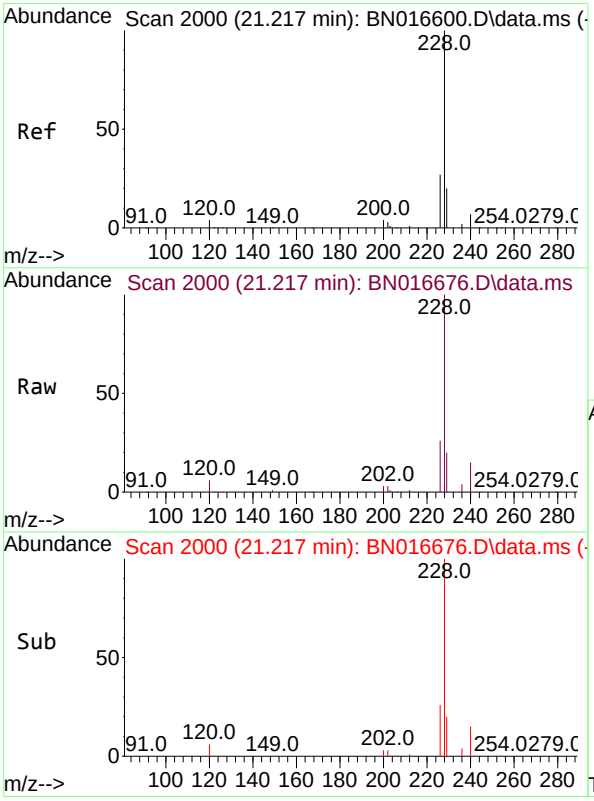
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:244 Resp: 128280

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.1	10.1	15.1



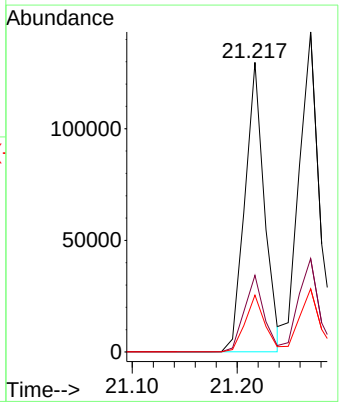
Instrument :
BNA_N
ClientSampleId :

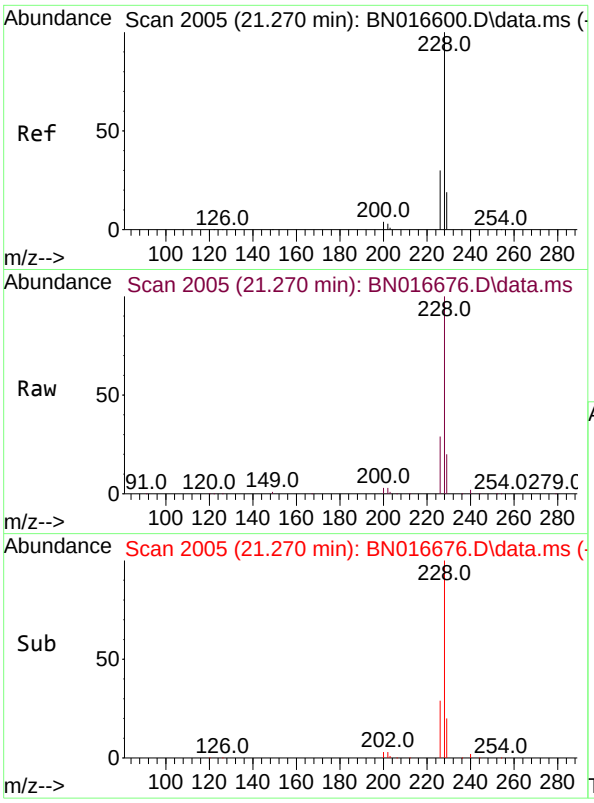


#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:228 Resp: 168012

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.9	32.9
229	19.6	15.7	23.5

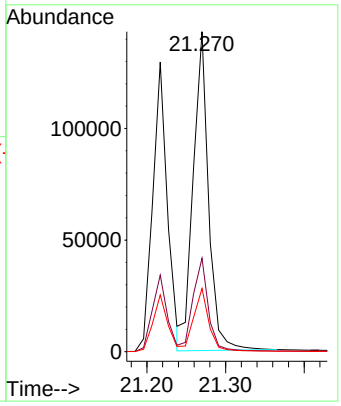




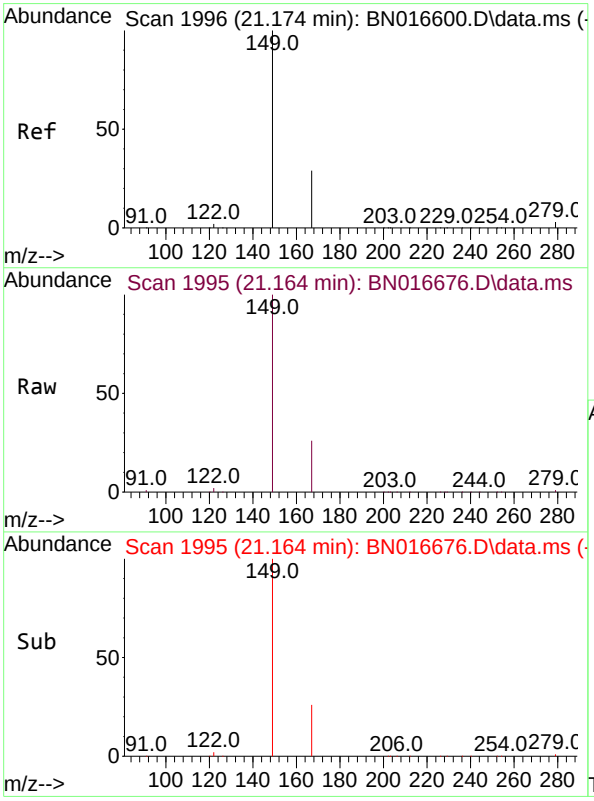
#33
Chrysene
Concen: 0.415 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:228 Resp: 193758

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.7	15.5	23.3



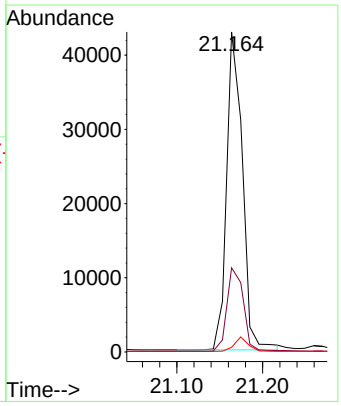
Instrument :
BNA_N
ClientSampleId :

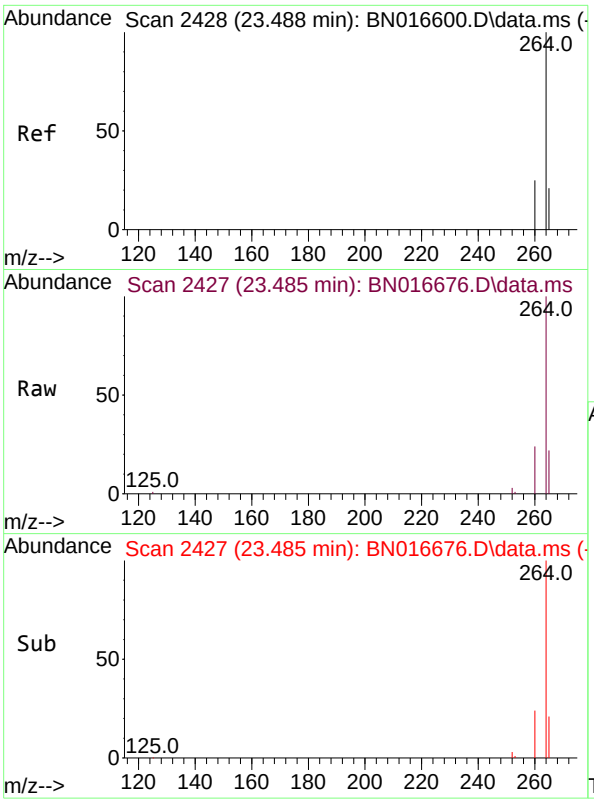


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.298 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:149 Resp: 54700

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	3.9	3.2	4.8

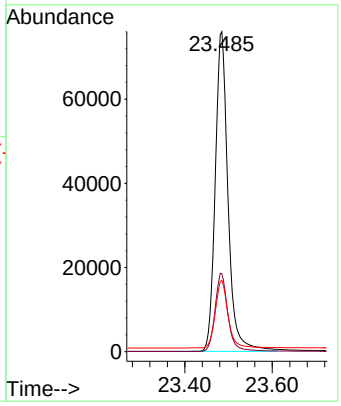




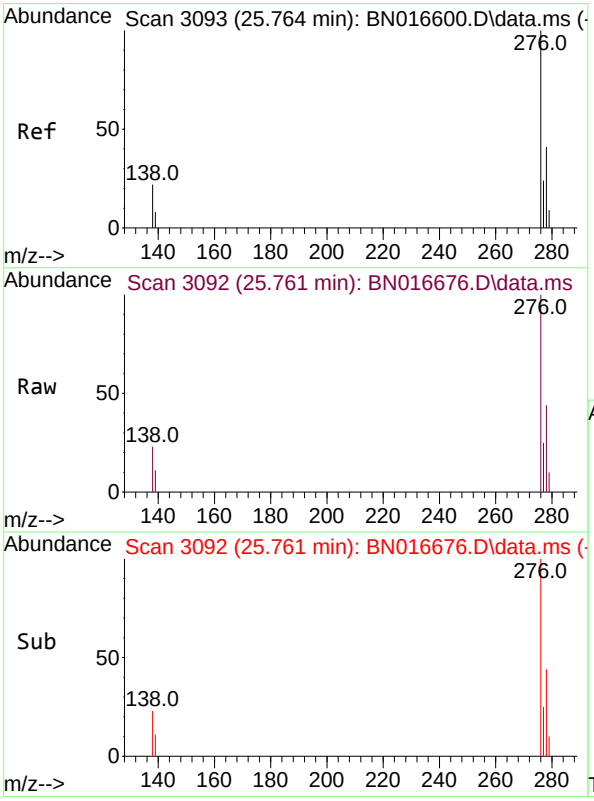
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:264 Resp: 154207

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	22.3	19.2	28.8



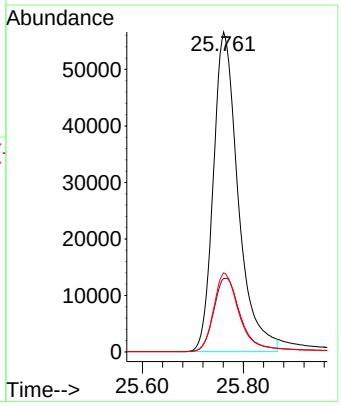
Instrument :
BNA_N
ClientSampleId :



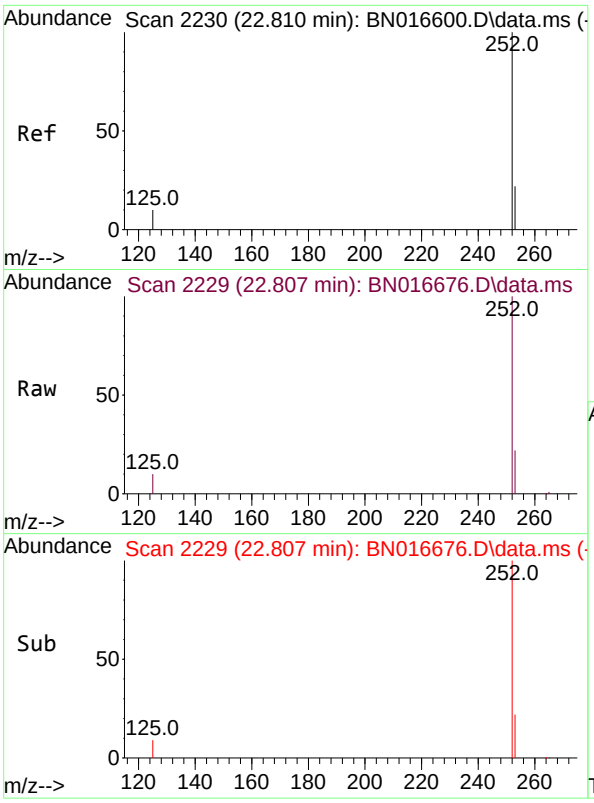
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng
RT: 25.761 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:276 Resp: 193299

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.5	29.3
277	25.1	19.9	29.9



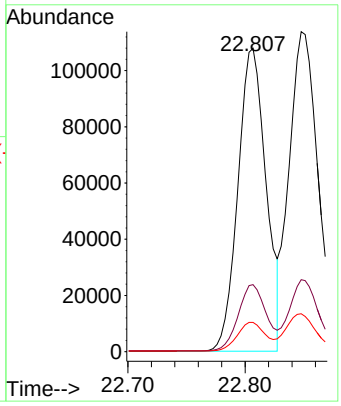
Instrument :
BNA_N
ClientSampleId :

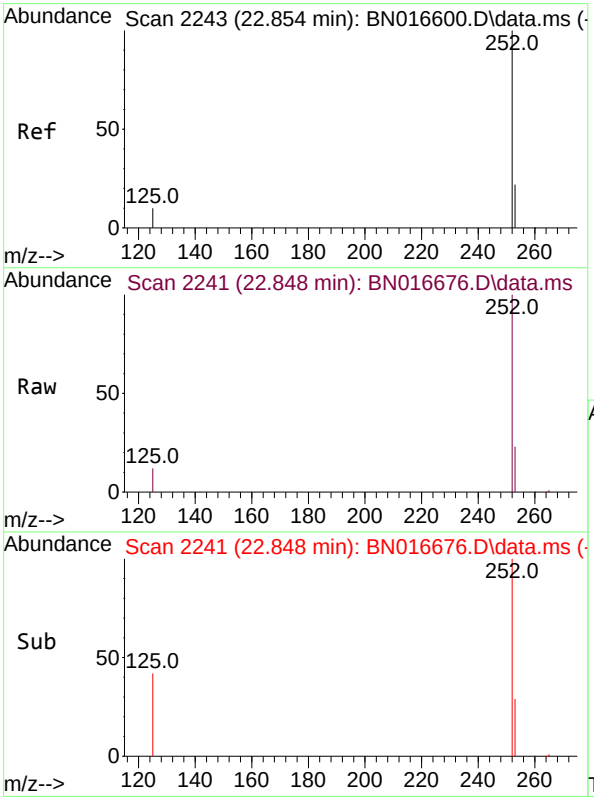


#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:252 Resp: 179859

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.6	8.0	12.0

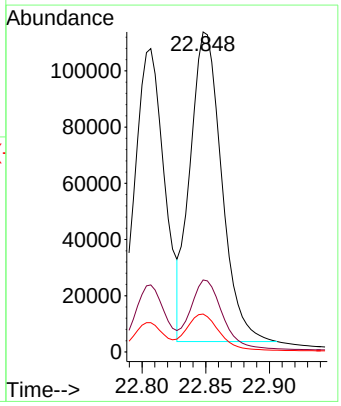


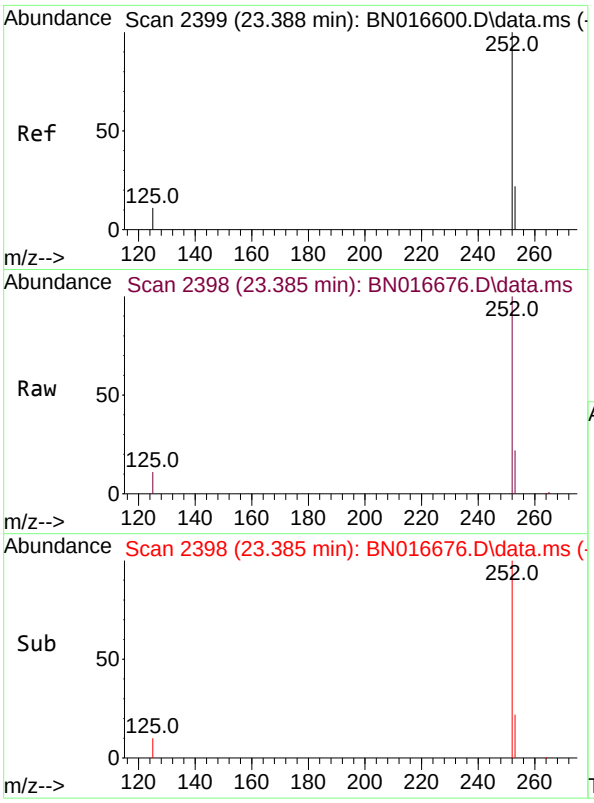


#38
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.848 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:252 Resp: 189946

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.9	8.0	12.0

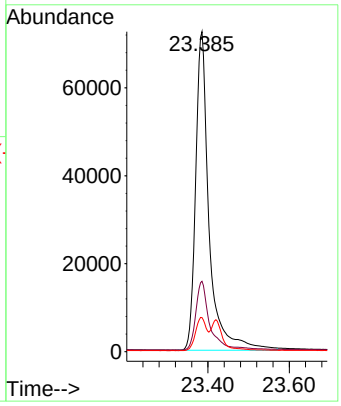




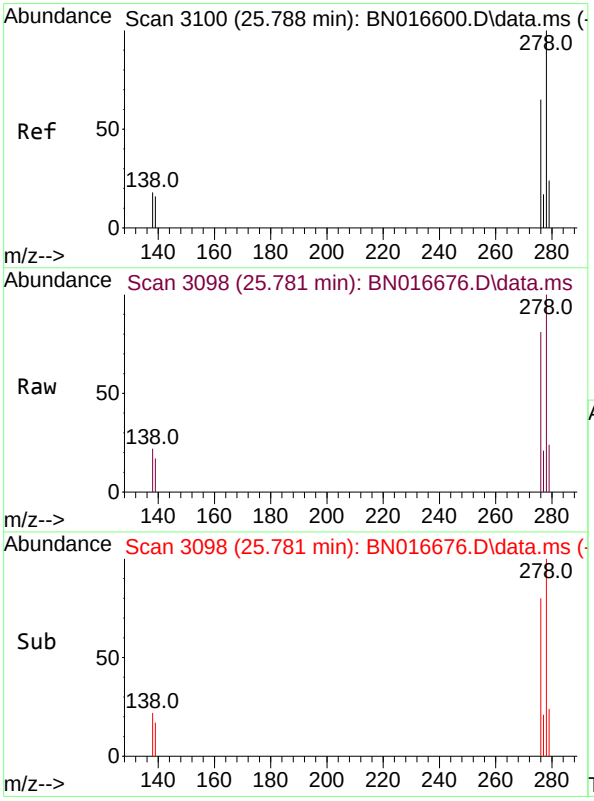
#39
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:252 Resp: 165600

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.6	9.0	13.4



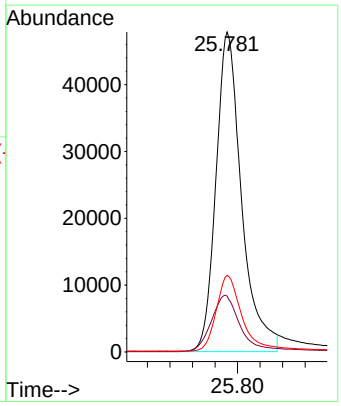
Instrument :
BNA_N
ClientSampleId :

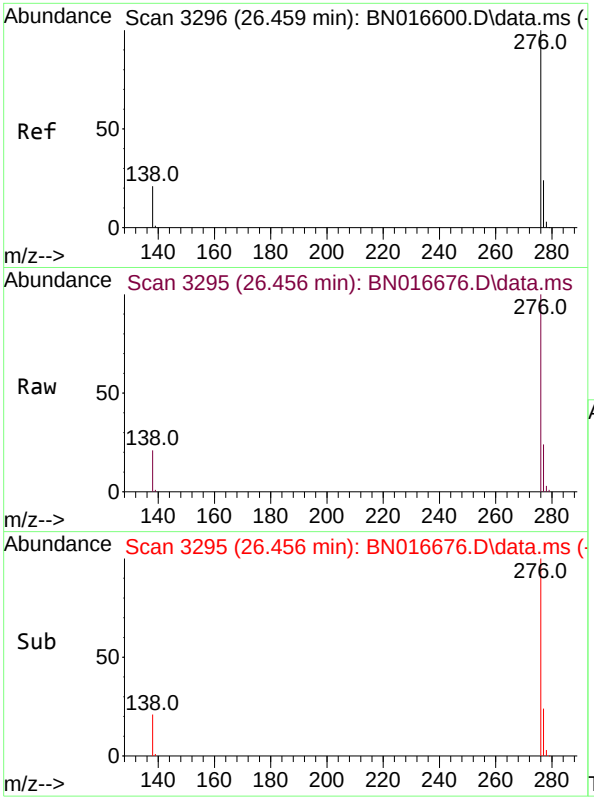


#40
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:278 Resp: 150415

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.1	19.7
279	24.0	19.1	28.7

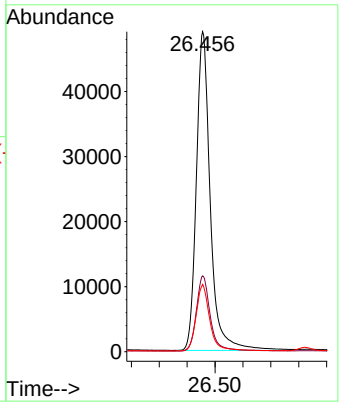




#41
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 26.456 min Scan# 3295
Delta R.T. -0.003 min
Lab File: BN016676.D
Acq: 02 Oct 2021 18:21

Tgt Ion:276 Resp: 170170

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	21.0	16.9	25.3



Instrument :
BNA_N
ClientSampleId :