Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016276.D
Acq On : 10 Sep 2021 03:55
Operator : CG/JU
Sample : PB138774BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138774BS

Quant Time: Sep 10 04:36:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	13420	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	66172	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	36950	0.400	ng		-0.01
19) Phenanthrene-d10	17.237	188	72776	0.400	ng		0.00
29) Chrysene-d12	21.419	240	69613	0.400	ng		#-0.01
35) Perylene-d12	23.810	264	41390	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	13136	0.384	ng		0.00
5) Phenol-d6	7.034	99	16380	0.382	ng		0.00
8) Nitrobenzene-d5	9.013	82	19903	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	39351	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	5384	0.355	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	56072	0.388	ng		0.00
27) Fluoranthene-d10	19.271	212	81319	0.380	ng		0.00
31) Terphenyl-d14	19.867	244	70557	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1813	0.381	ng		87
3) n-Nitrosodimethylamine	3.742	42	3652	0.370	ng	#	97
6) bis(2-Chloroethyl)ether	7.292	93	14032	0.397	ng		99
9) Naphthalene	10.711	128	68731	0.389	ng		100
10) Hexachlorobutadiene	10.990	225	14049	0.390	ng	#	99
12) 2-Methylnaphthalene	12.318	142	46559	0.391	ng		99
16) Acenaphthylene	14.205	152	63455	0.384	ng		100
17) Acenaphthene	14.548	154	41053	0.383	ng		99
18) Fluorene	15.538	166	51043	0.384	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	365	0.329	ng		91
21) 4-Bromophenyl-phenylether	16.421	248	15465	0.397	ng	#	74
22) Hexachlorobenzene	16.543	284	18632	0.399	ng		99
23) Atrazine	16.689	200	12761	0.356	ng	#	91
24) Pentachlorophenol	16.896	266	1867	0.379	ng		99
25) Phenanthrene	17.273	178	82784	0.392	ng		100
26) Anthracene	17.371	178	74762	0.385	ng		100
28) Fluoranthene	19.301	202	98880	0.399	ng		100
30) Pyrene	19.664	202	99464	0.422	ng		100
32) Benzo(a)anthracene	21.408	228	85959	0.396	ng		99
33) Chrysene	21.461	228	89811	0.418	ng		99
34) Bis(2-ethylhexyl)phtha...	21.334	149	51694	0.387	ng		100
36) Indeno(1,2,3-cd)pyrene	26.281	276	26211	0.380	ng		97
37) Benzo(b)fluoranthene	23.128	252	64309	0.402	ng		99
38) Benzo(k)fluoranthene	23.128	252	61925	0.435	ng		99
39) Benzo(a)pyrene	23.700	252	50712	0.427	ng	#	85
40) Dibenzo(a,h)anthracene	26.298	278	20732	0.394	ng		98
41) Benzo(g,h,i)perylene	27.037	276	20516	0.359	ng		99

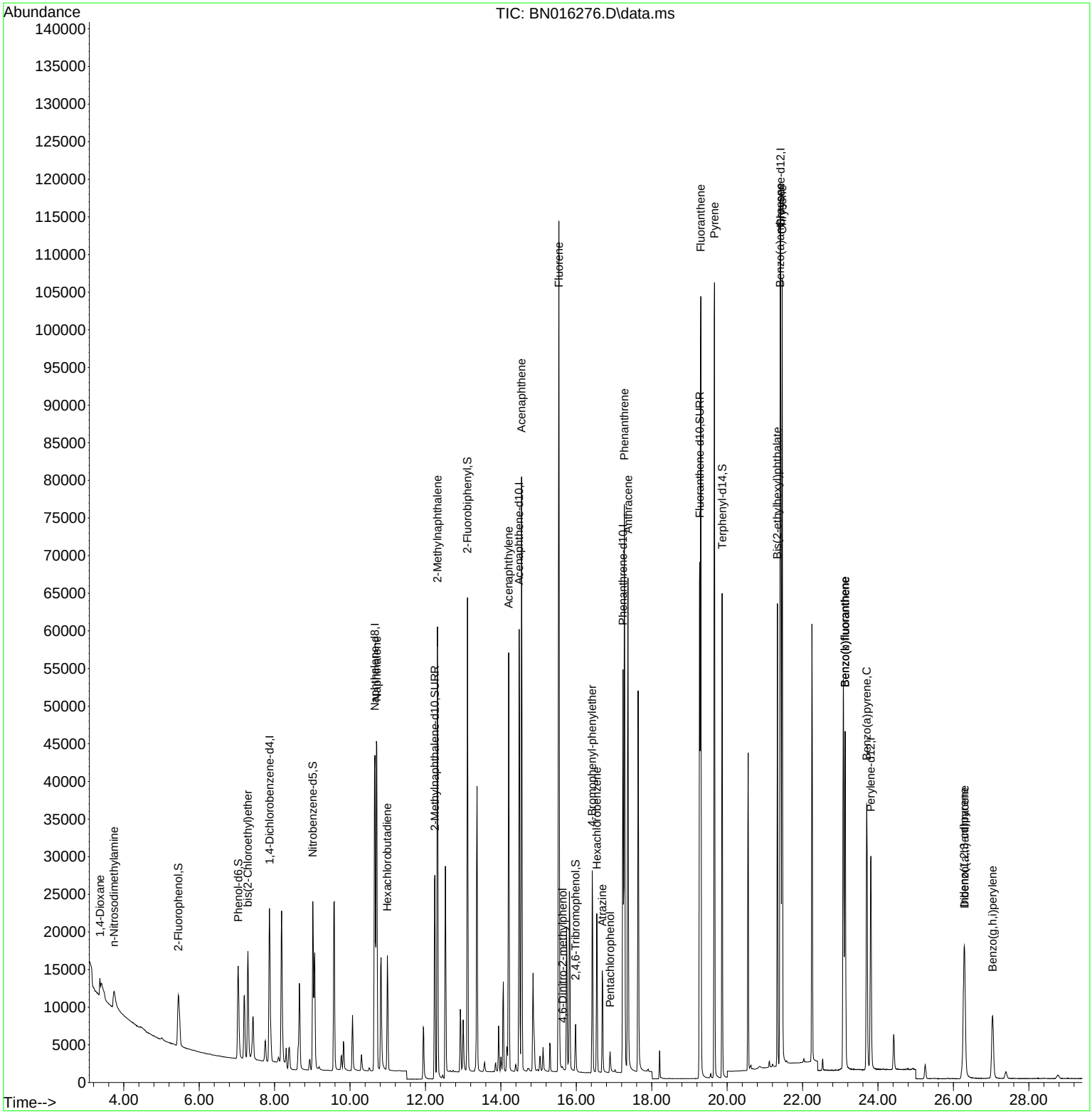
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

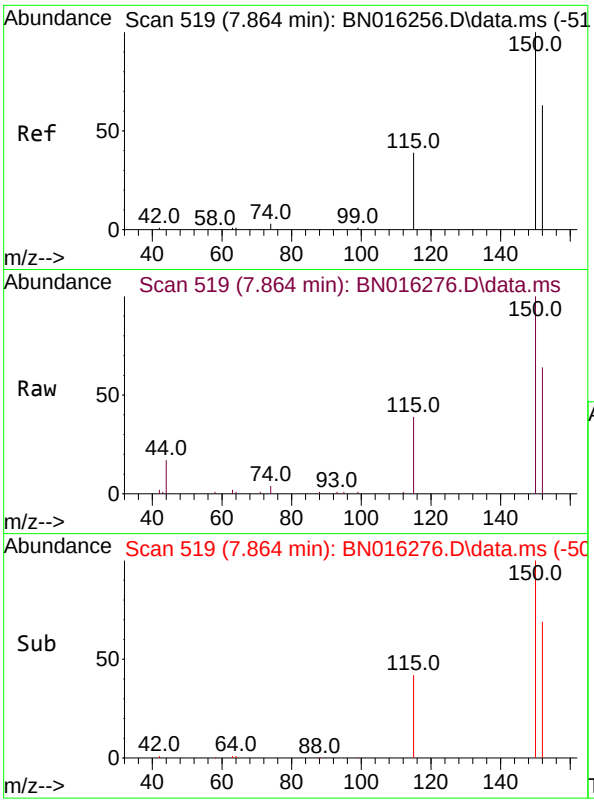
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016276.D
Acq On : 10 Sep 2021 03:55
Operator : CG/JU
Sample : PB138774BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138774BS

Quant Time: Sep 10 04:36:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration



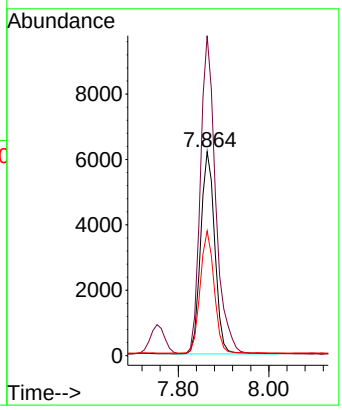
Instrument :
BNA_N
ClientSampleId :
PB138774BS

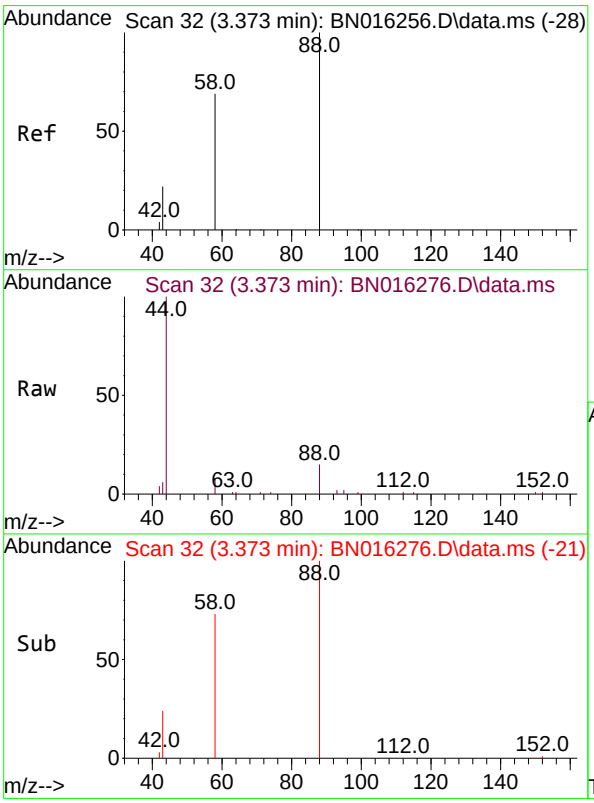


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:152 Resp: 13420

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.6	188.4
115	61.1	50.2	75.2

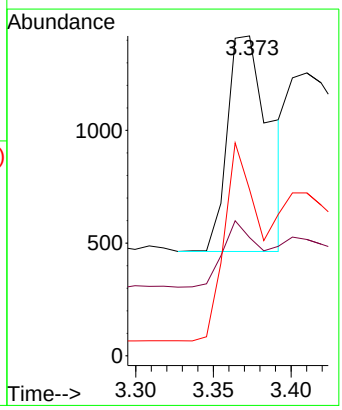




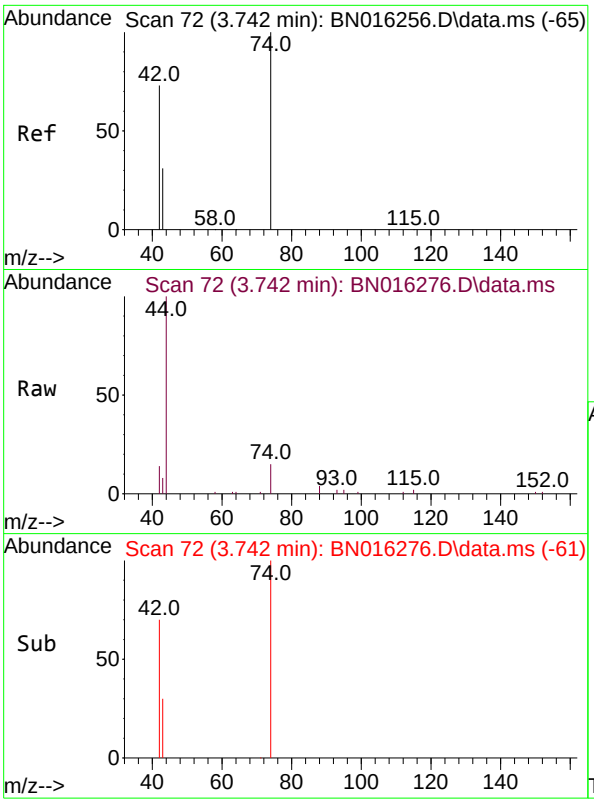
#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion: 88 Resp: 1813

Ion	Ratio	Lower	Upper
88	100		
43	25.3	20.3	30.5
58	71.8	69.9	104.9



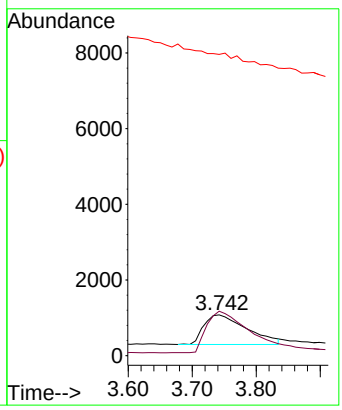
Instrument :
BNA_N
ClientSampleId :
PB138774BS

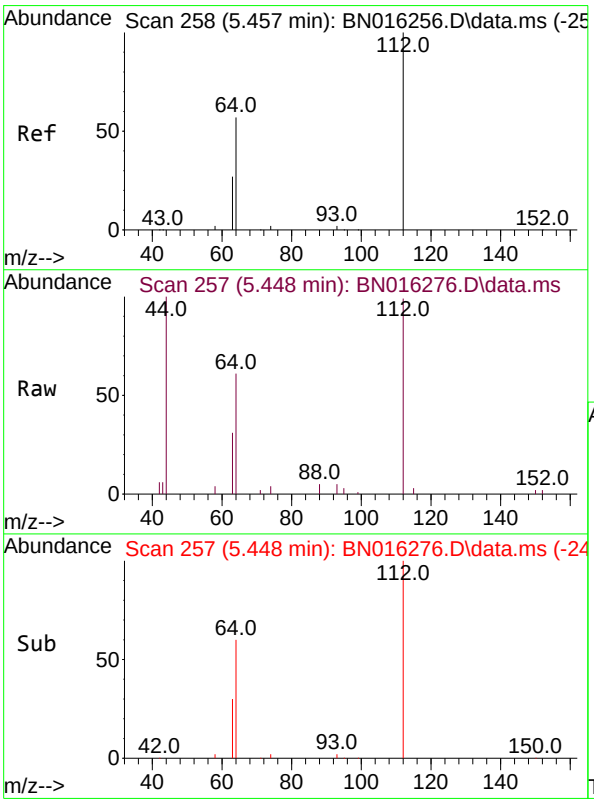


#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.742 min Scan# 72
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion: 42 Resp: 3652

Ion	Ratio	Lower	Upper
42	100		
74	138.9	113.6	170.4
44	0.0	0.0	0.0

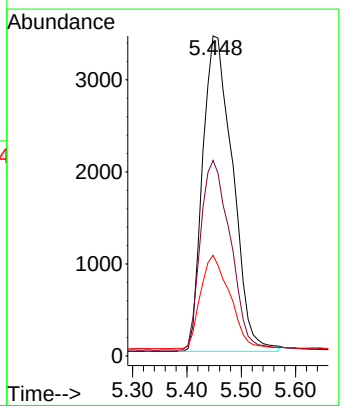




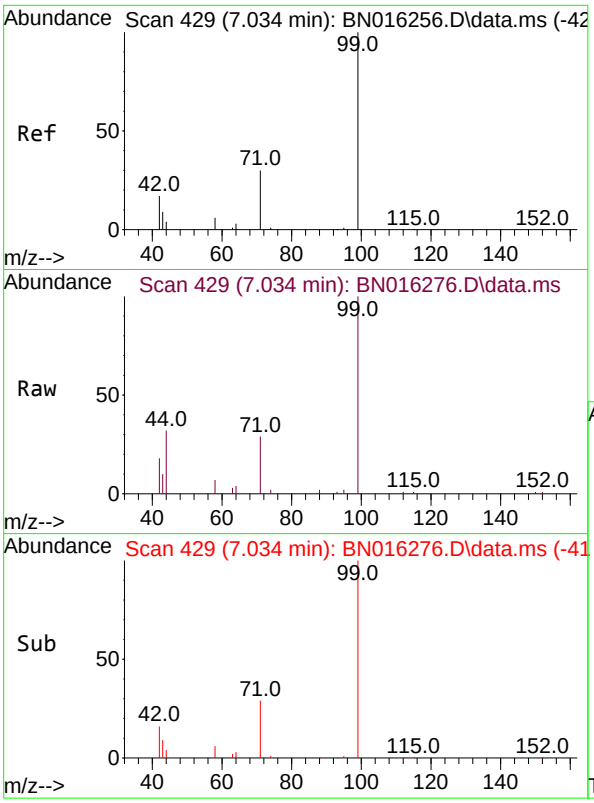
#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.448 min Scan# 257
Delta R.T. -0.009 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:112 Resp: 13136

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.3	70.9
63	28.7	23.4	35.0



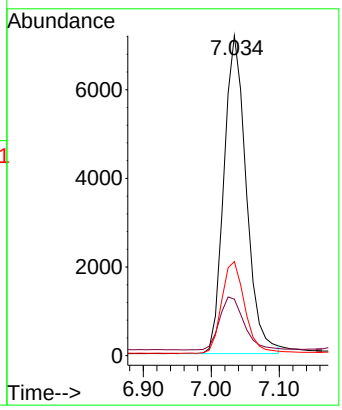
Instrument :
BNA_N
ClientSampleId :
PB138774BS

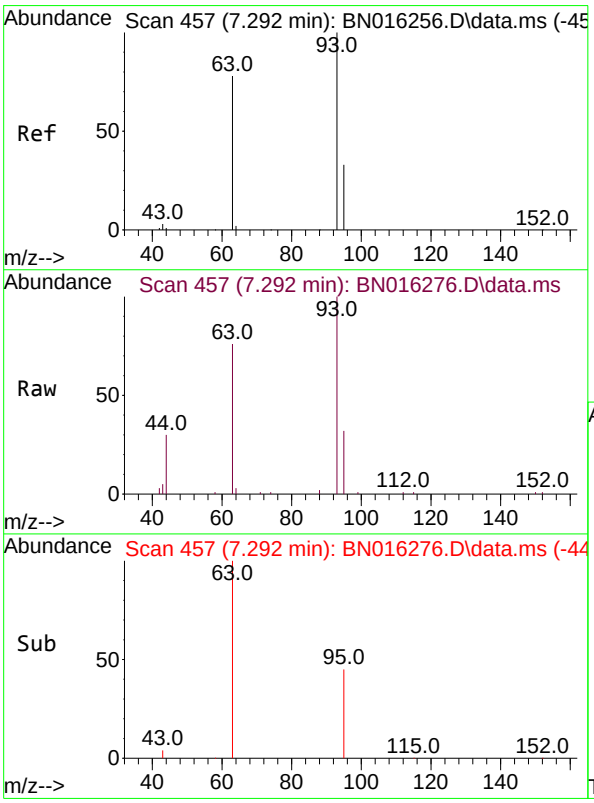


#5
Phenol-d6
Concen: 0.382 ng
RT: 7.034 min Scan# 429
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion: 99 Resp: 16380

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.0	21.0
71	29.8	23.8	35.6

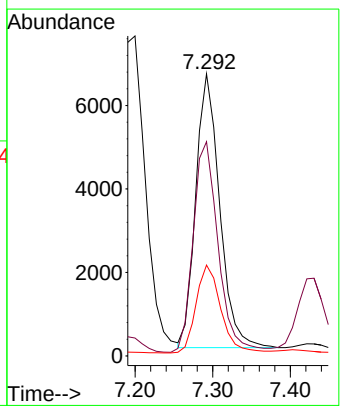




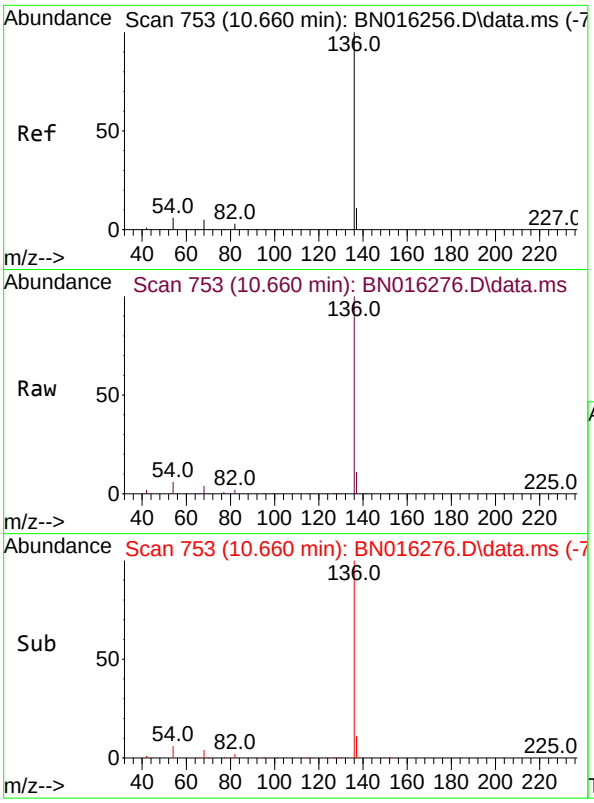
#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.292 min Scan# 457
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion: 93 Resp: 14032

Ion	Ratio	Lower	Upper
93	100		
63	80.7	63.4	95.0
95	33.3	26.8	40.2



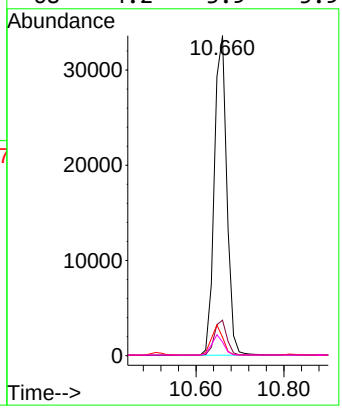
Instrument :
BNA_N
ClientSampleId :
PB138774BS

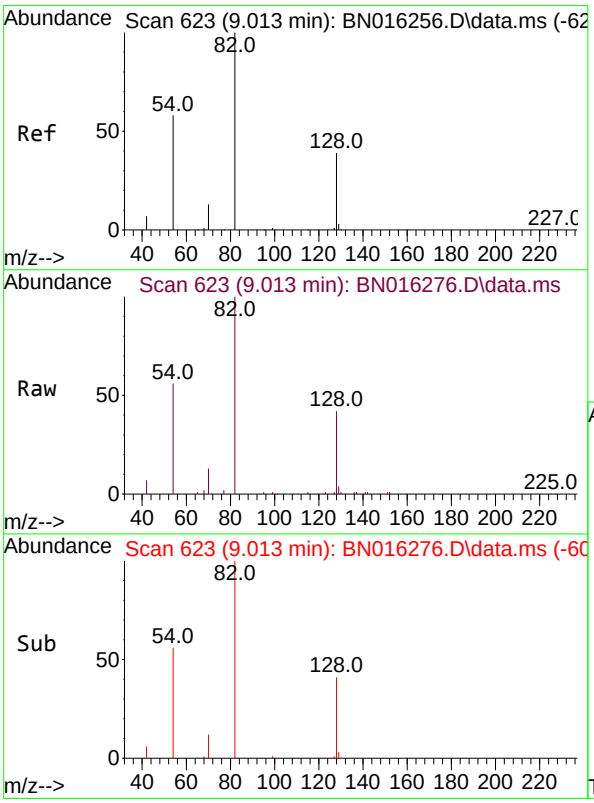


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:136 Resp: 66172

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.8	5.3	7.9
68	4.2	3.9	5.9

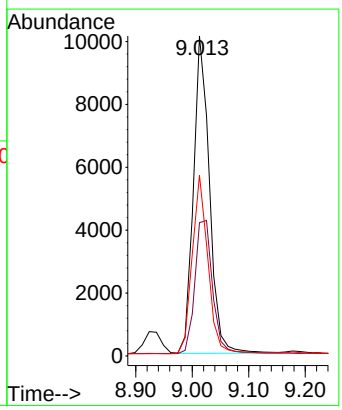




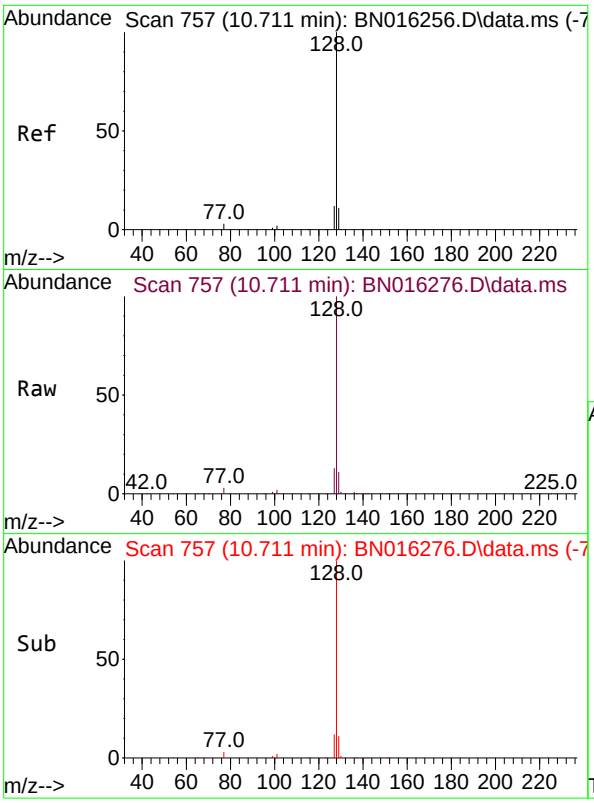
#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 9.013 min Scan# 623
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion: 82 Resp: 19903

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.7	47.5
54	56.5	46.4	69.6



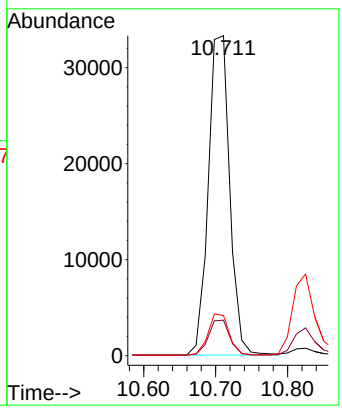
Instrument :
BNA_N
ClientSampleId :
PB138774BS

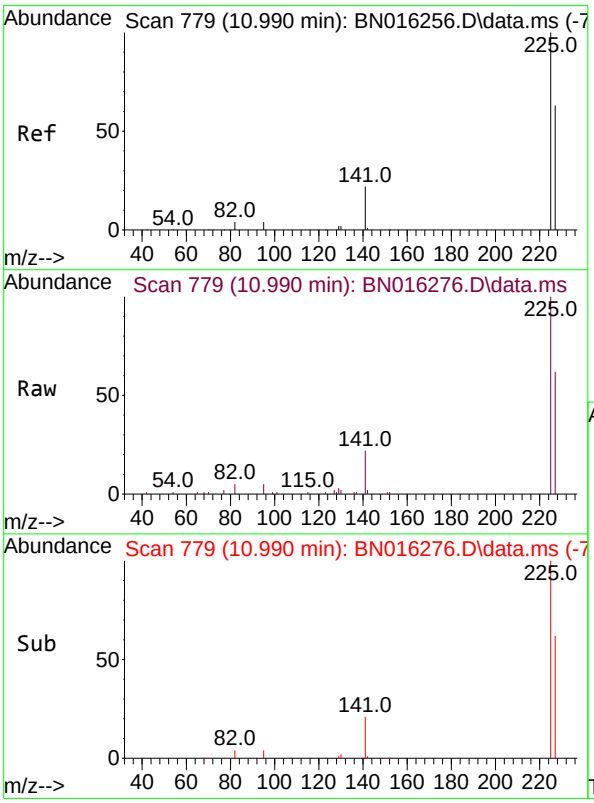


#9
Naphthalene
Concen: 0.389 ng
RT: 10.711 min Scan# 757
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:128 Resp: 68731

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.6	10.1	15.1

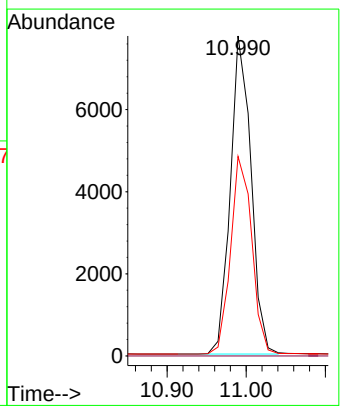




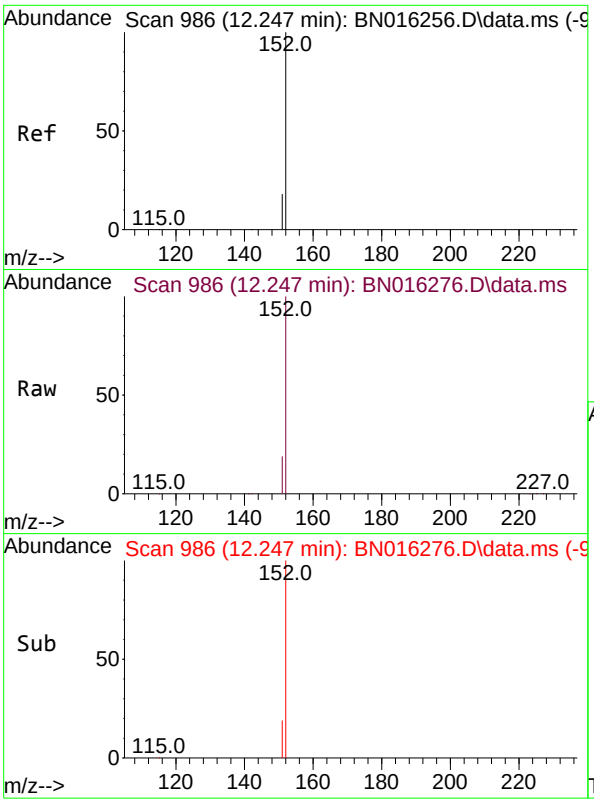
#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.990 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:225 Resp: 14049

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.5	77.3



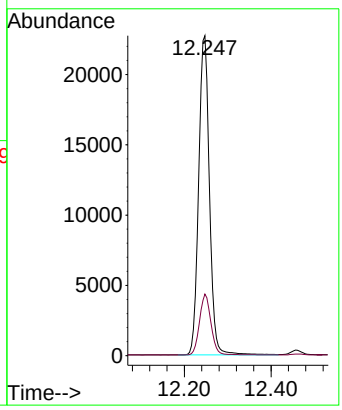
Instrument :
BNA_N
ClientSampleId :
PB138774BS

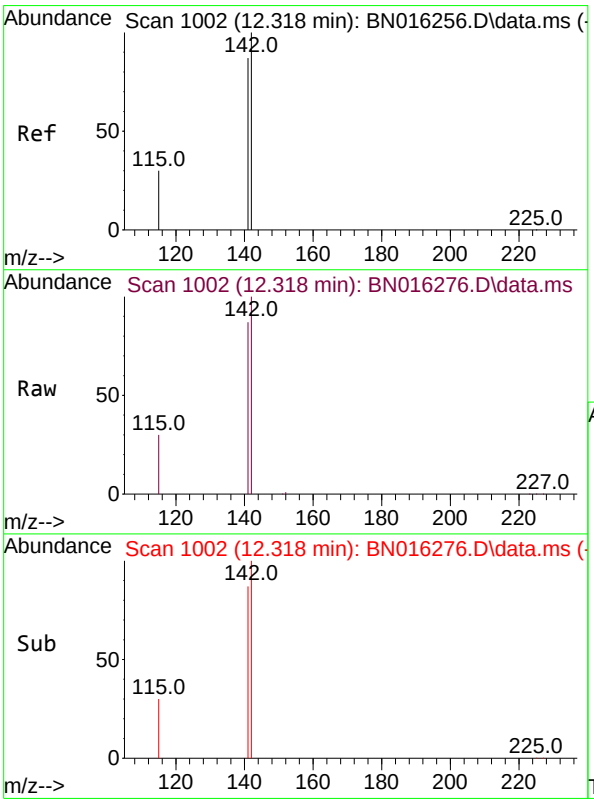


#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:152 Resp: 39351

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1

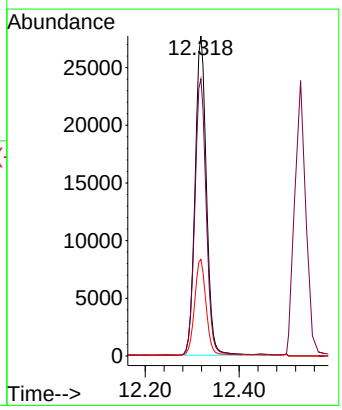




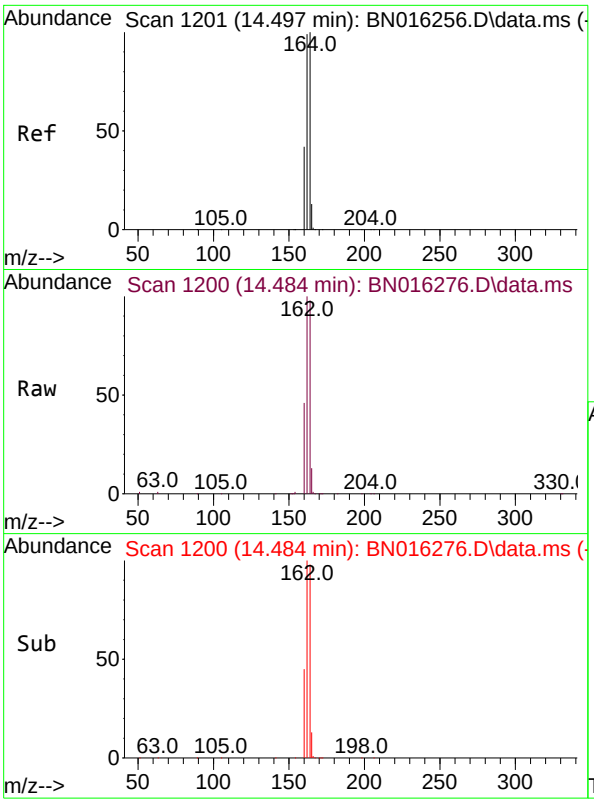
#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.318 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:142 Resp: 46559

Ion	Ratio	Lower	Upper
142	100		
141	86.6	69.8	104.8
115	30.2	24.4	36.6



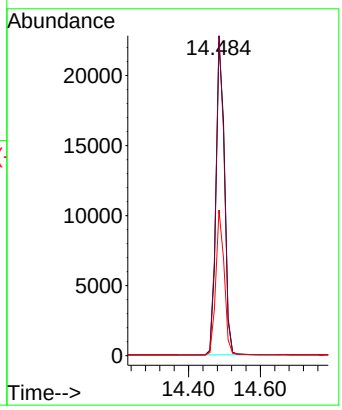
Instrument :
BNA_N
ClientSampleId :
PB138774BS

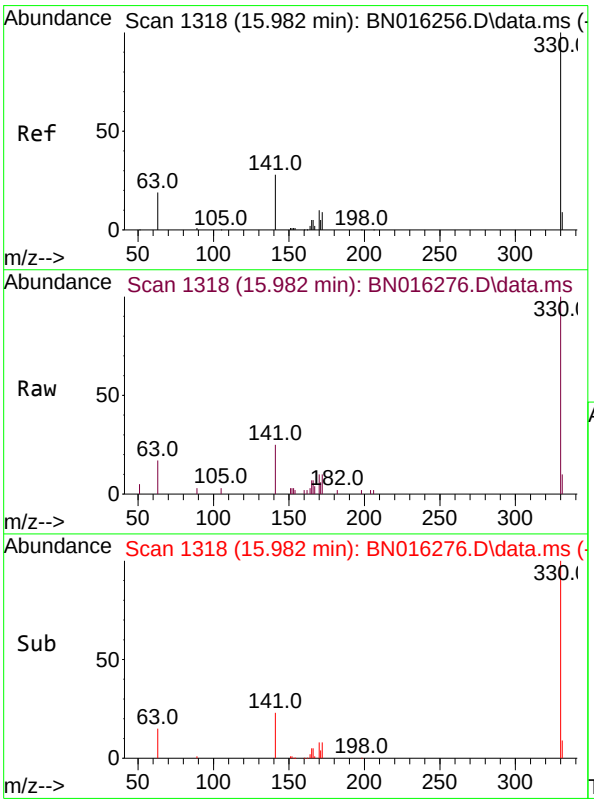


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:164 Resp: 36950

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.0	118.4
160	46.5	34.1	51.1

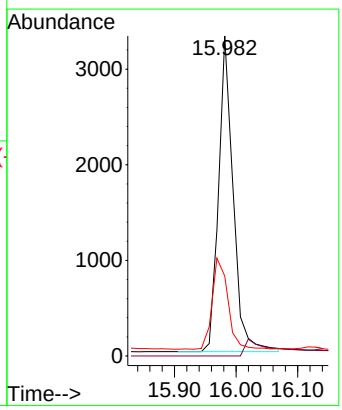




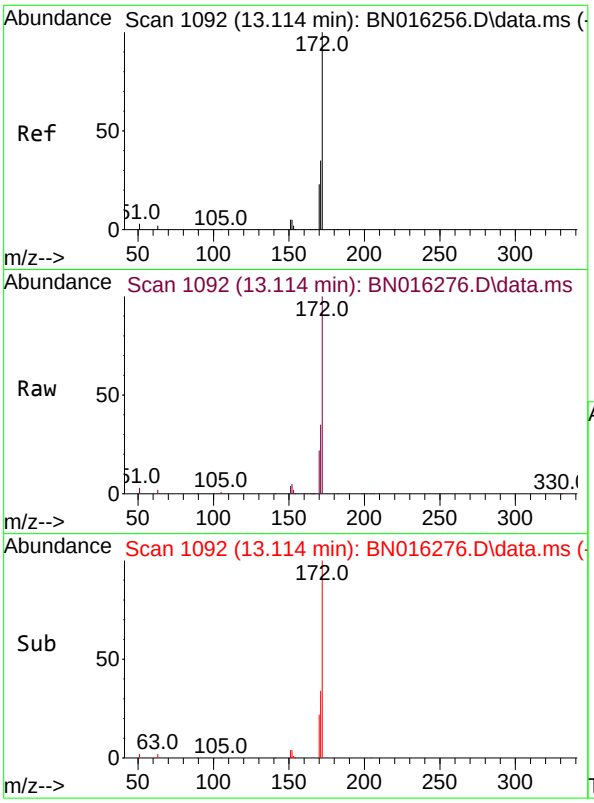
#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.982 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:330 Resp: 5384

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.2	25.0	37.4



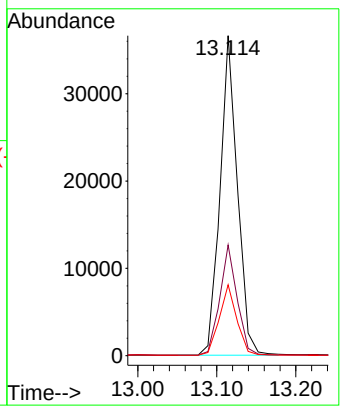
Instrument :
BNA_N
ClientSampleId :
PB138774BS

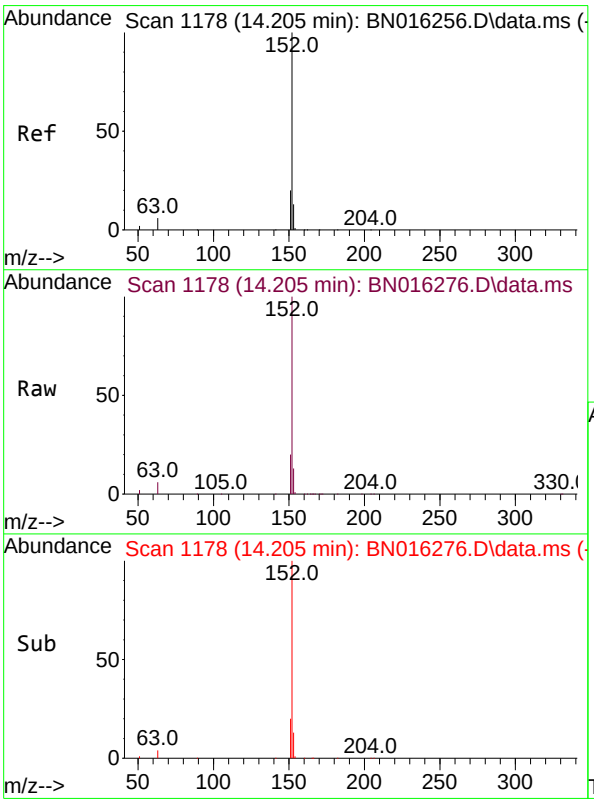


#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:172 Resp: 56072

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.1	18.2	27.2

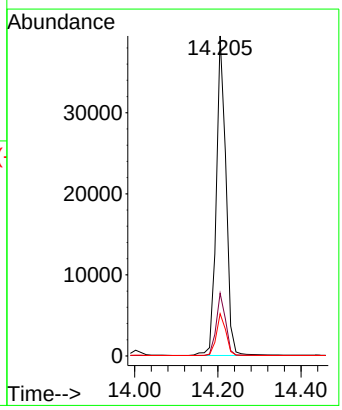




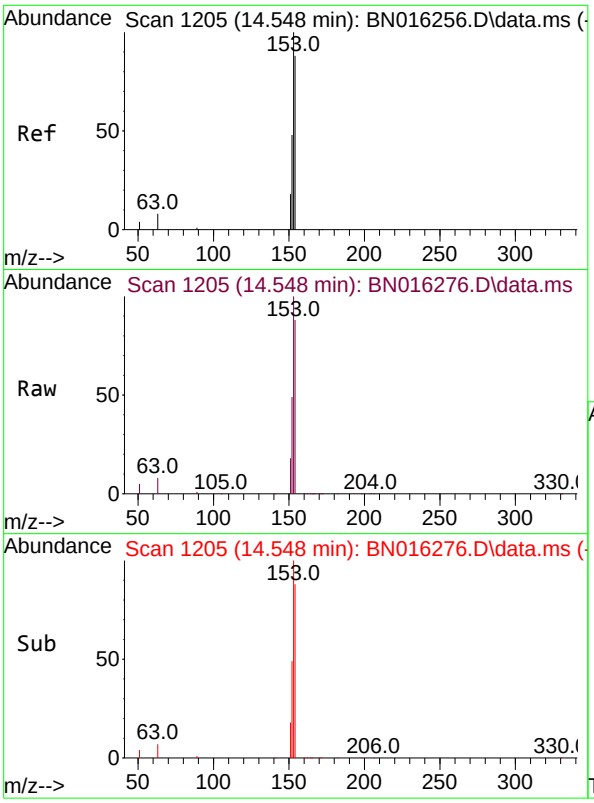
#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.205 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:152 Resp: 63455

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.0	10.5	15.7



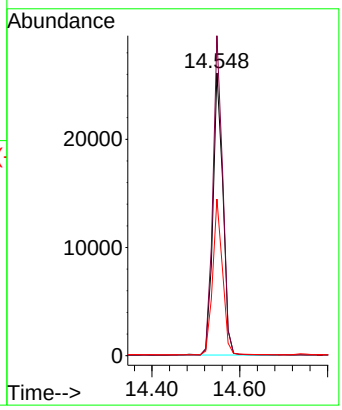
Instrument :
BNA_N
ClientSampleId :
PB138774BS

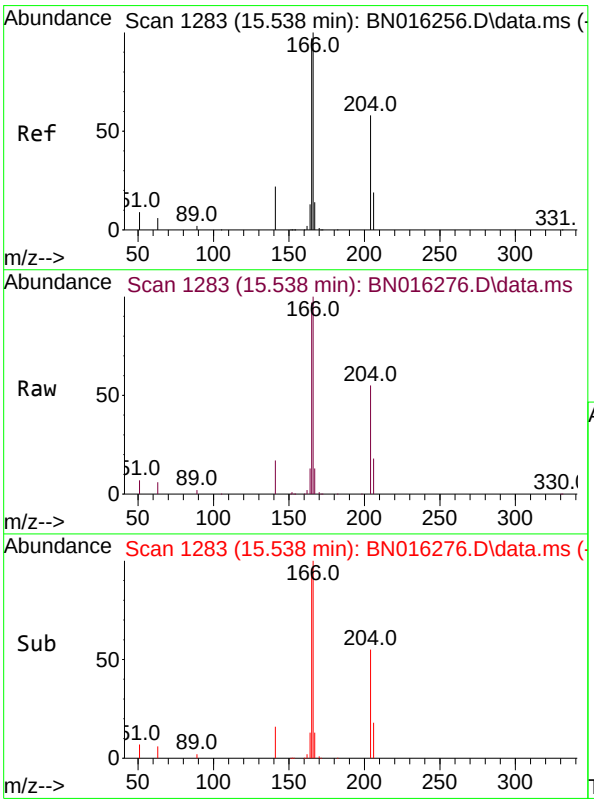


#17
Acenaphthene
Concen: 0.383 ng
RT: 14.548 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:154 Resp: 41053

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.3	133.9
152	54.1	42.2	63.4

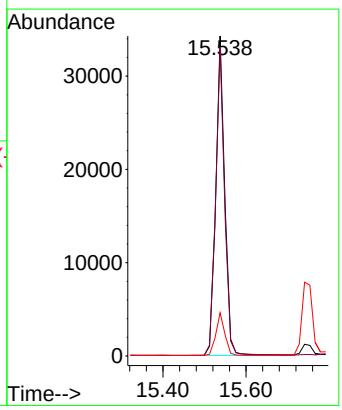




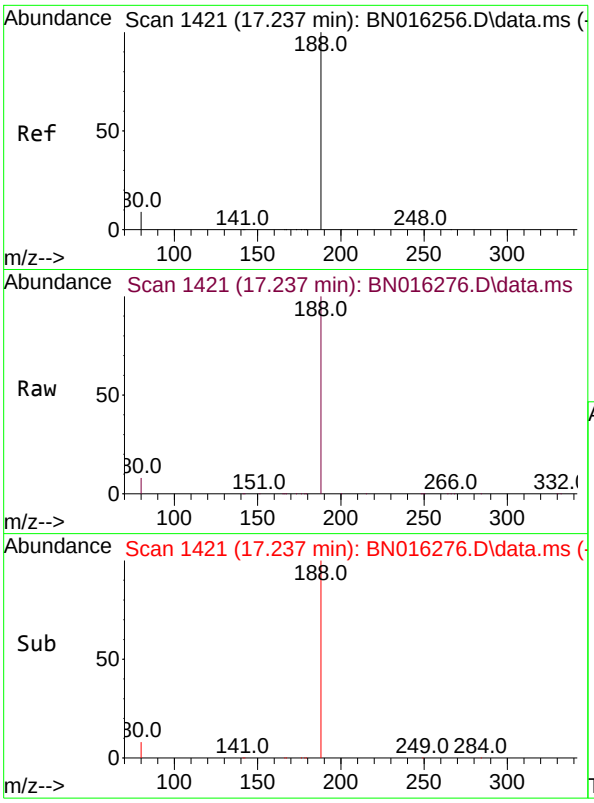
#18
Fluorene
Concen: 0.384 ng
RT: 15.538 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:166 Resp: 51043

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.7	115.1
167	13.4	10.9	16.3



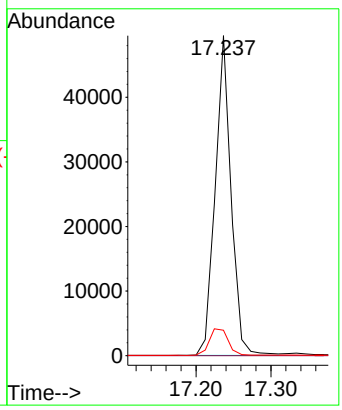
Instrument :
BNA_N
ClientSampleId :
PB138774BS

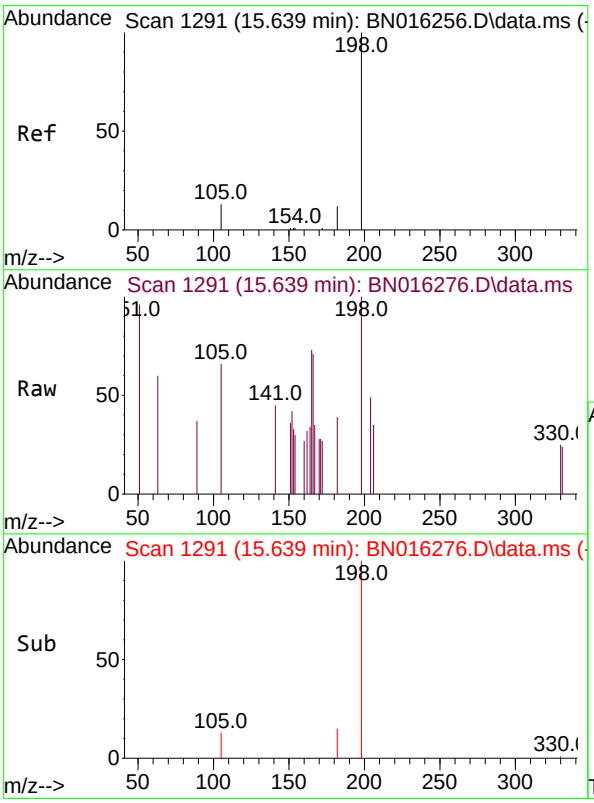


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:188 Resp: 72776

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.0	10.6

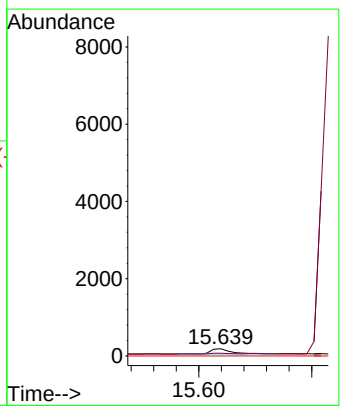




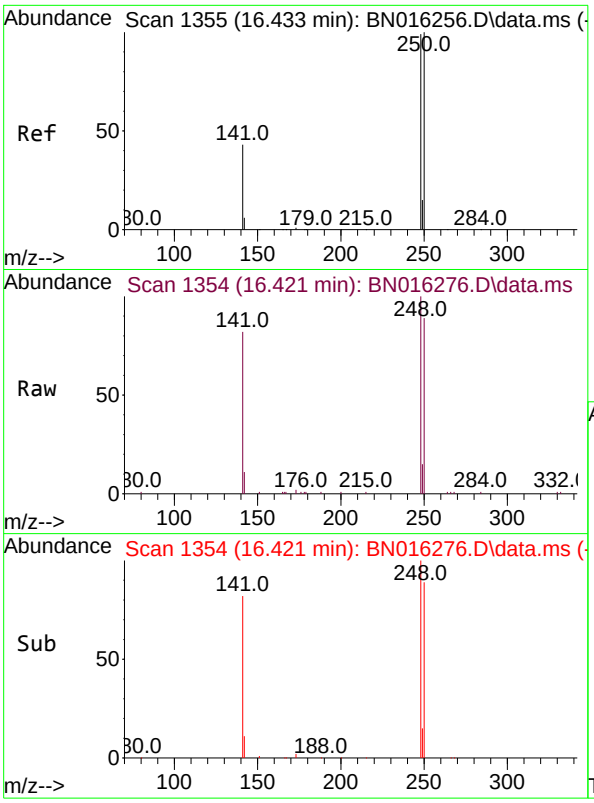
#20
4,6-Dinitro-2-methylphenol
Concen: 0.329 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:198 Resp: 365

Ion	Ratio	Lower	Upper
198	100		
182	38.5	26.6	39.8
77	0.0	0.0	0.0



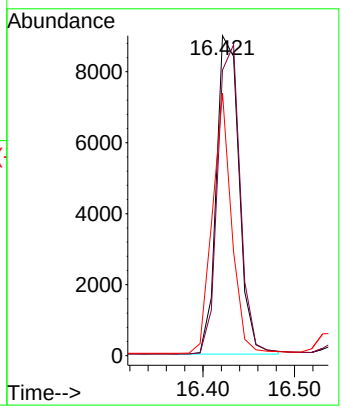
Instrument :
BNA_N
ClientSampleId :
PB138774BS

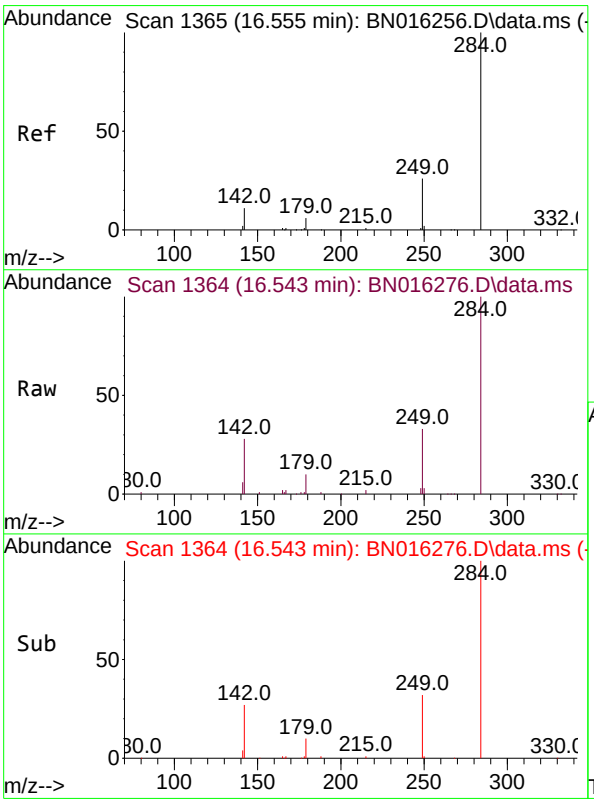


#21
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.421 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:248 Resp: 15465

Ion	Ratio	Lower	Upper
248	100		
250	89.3	80.5	120.7
141	82.1	34.8	52.2#

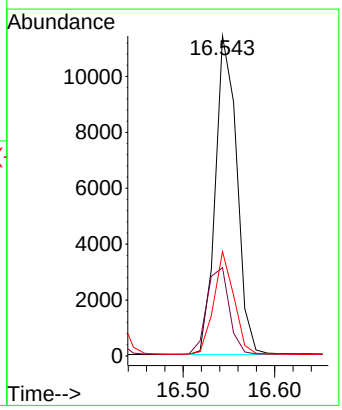




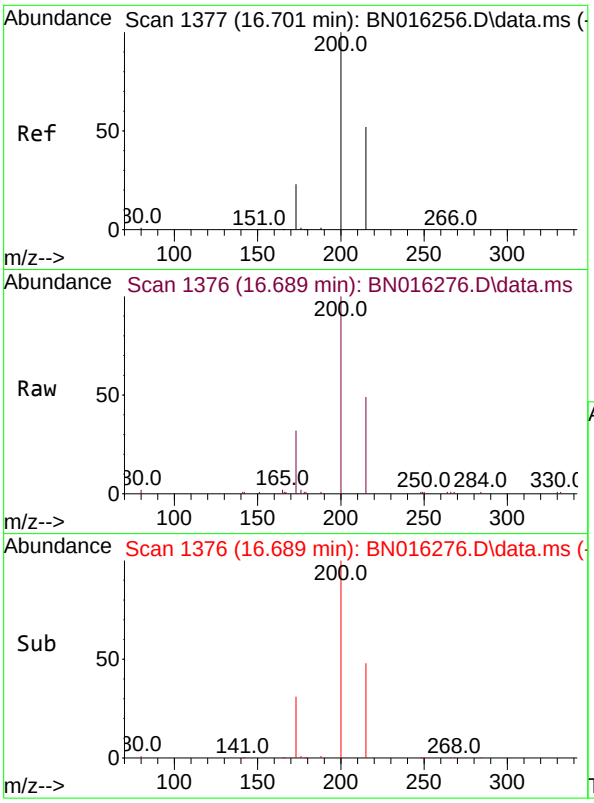
#22
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:284 Resp: 18632

Ion	Ratio	Lower	Upper
284	100		
142	28.4	22.6	34.0
249	30.0	24.4	36.6



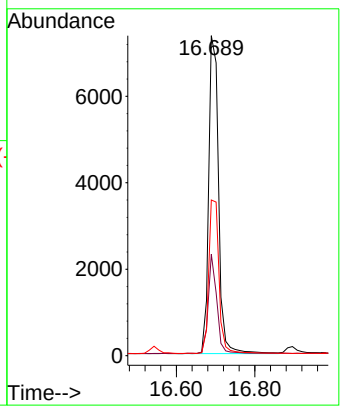
Instrument :
BNA_N
ClientSampleId :
PB138774BS

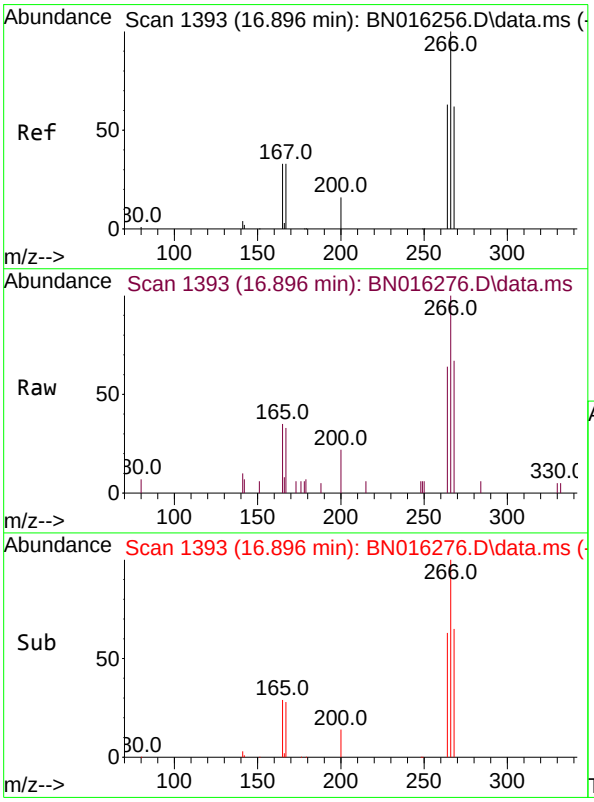


#23
Atrazine
Concen: 0.356 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:200 Resp: 12761

Ion	Ratio	Lower	Upper
200	100		
173	31.7	18.7	28.1#
215	48.6	41.6	62.4

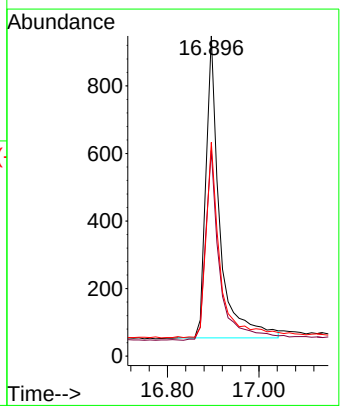




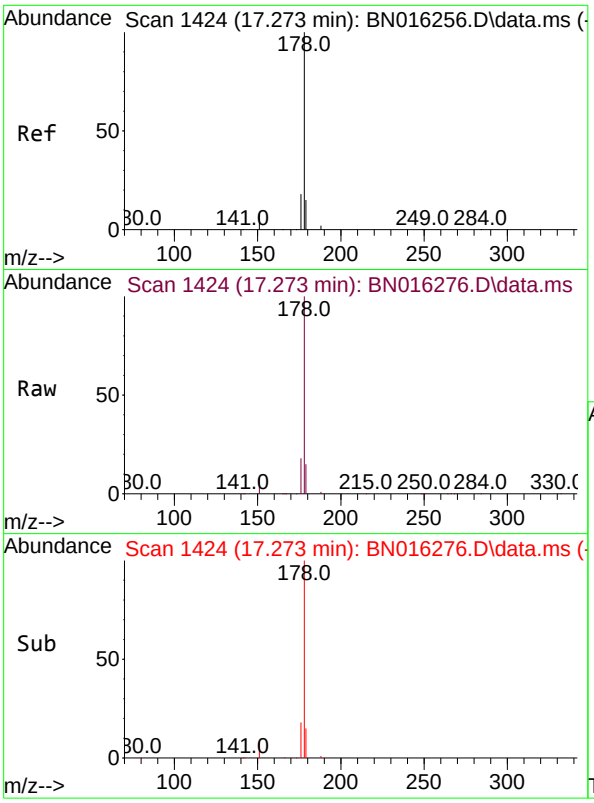
#24
Pentachlorophenol
Concen: 0.379 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:266 Resp: 1867

Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.6	75.8
268	65.1	52.6	79.0



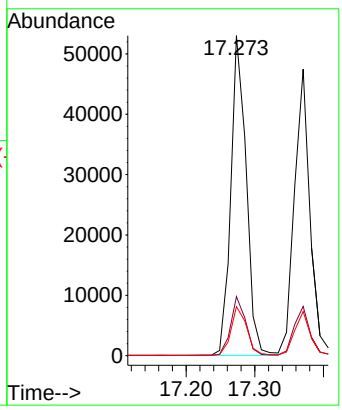
Instrument :
BNA_N
ClientSampleId :
PB138774BS

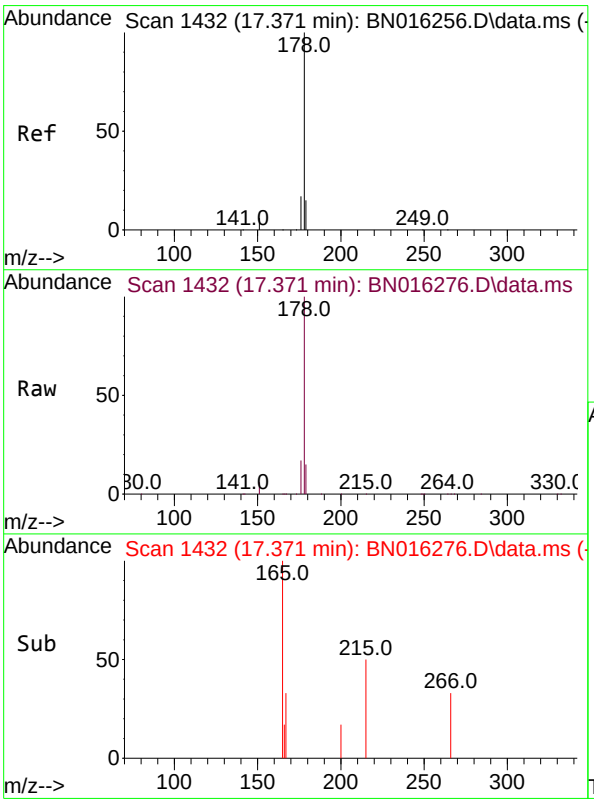


#25
Phenanthrene
Concen: 0.392 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:178 Resp: 82784

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.7	12.2	18.4

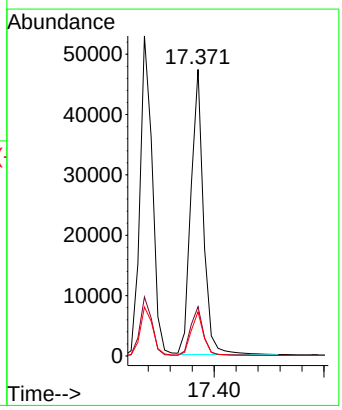




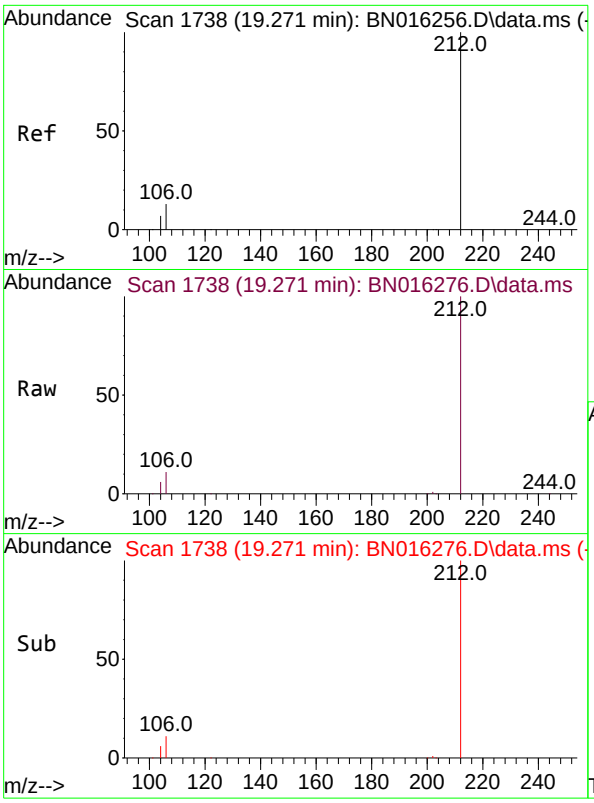
#26
Anthracene
Concen: 0.385 ng
RT: 17.371 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:178 Resp: 74762

Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.9	20.9
179	15.2	12.2	18.4



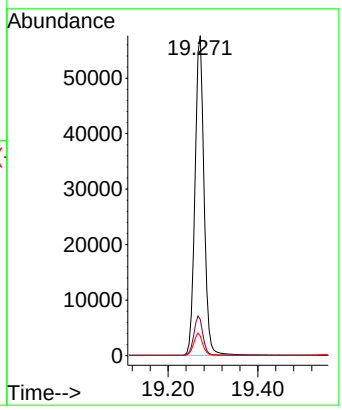
Instrument :
BNA_N
ClientSampleId :
PB138774BS

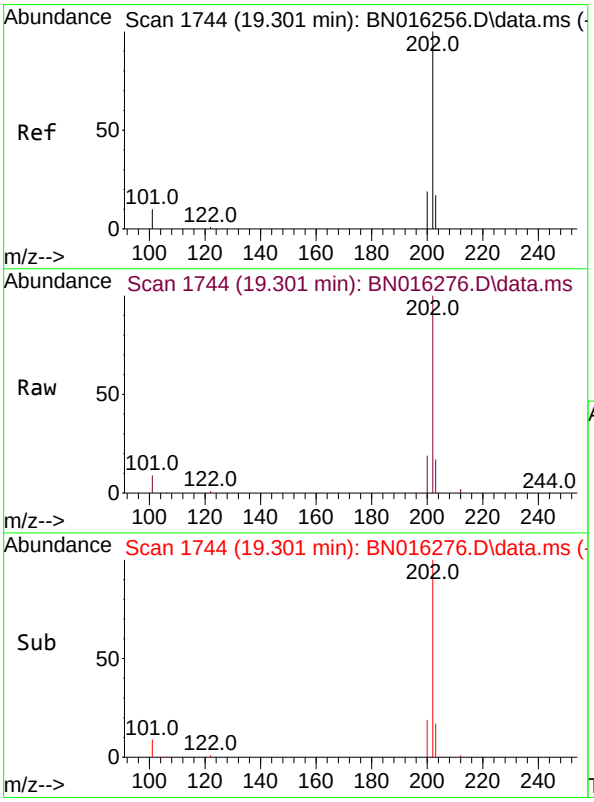


#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.271 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:212 Resp: 81319

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.8	14.6
104	6.9	5.4	8.2

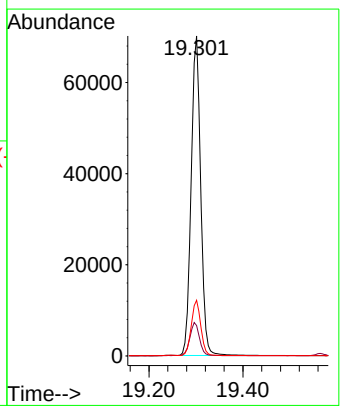




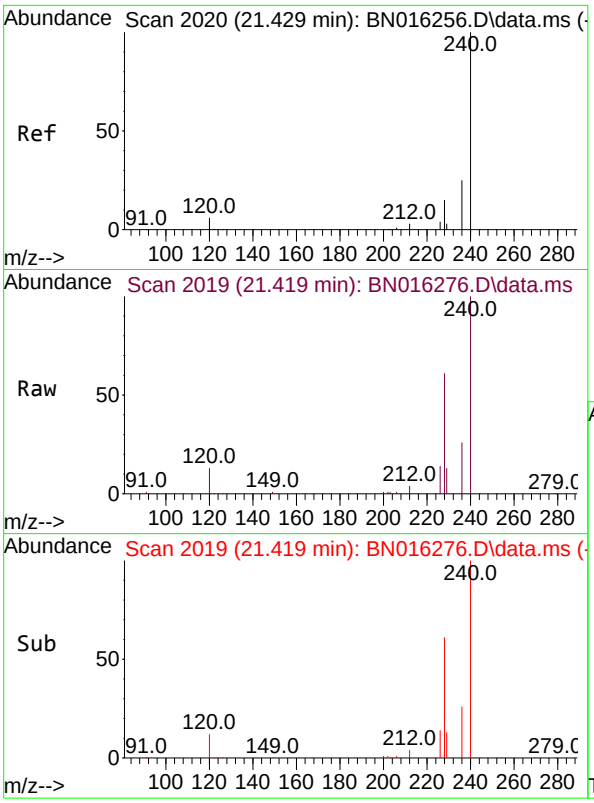
#28
Fluoranthene
Concen: 0.399 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:202 Resp: 98880

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.2	13.8	20.8



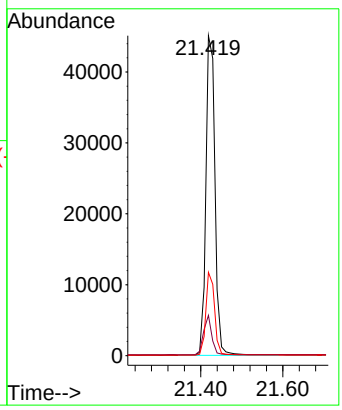
Instrument :
BNA_N
ClientSampleId :
PB138774BS

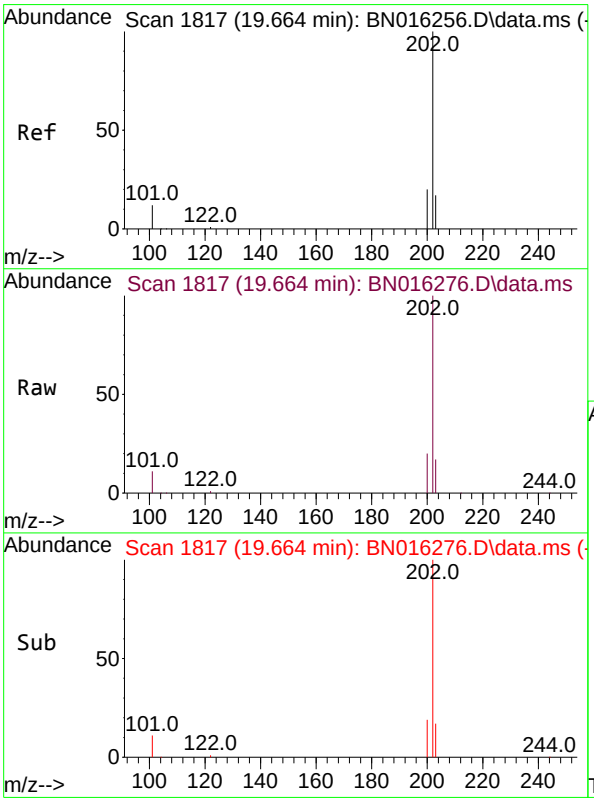


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.419 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:240 Resp: 69613

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.3	7.9#
236	26.0	19.8	29.8

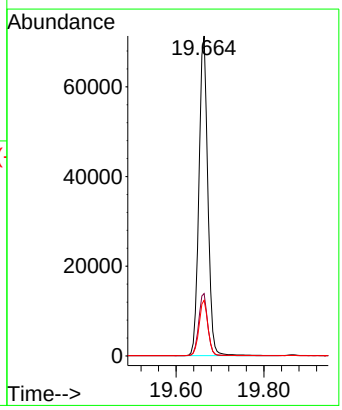




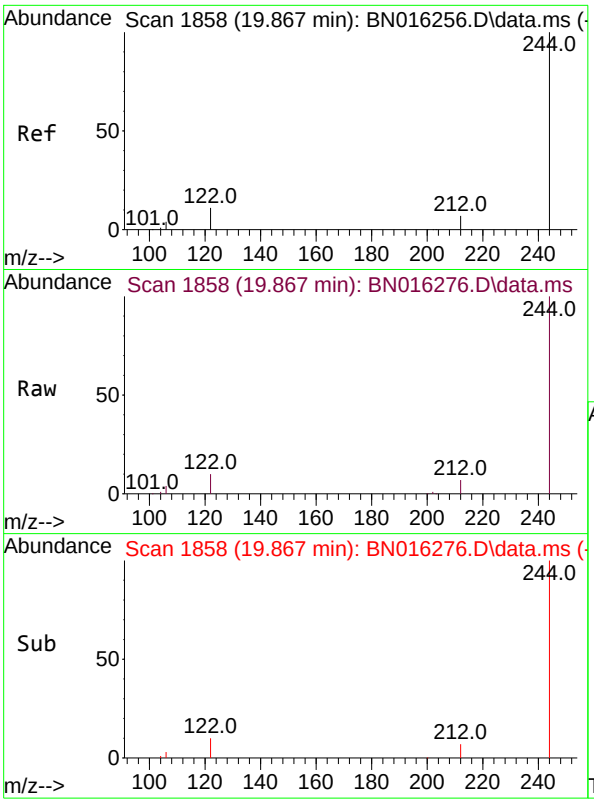
#30
Pyrene
Concen: 0.422 ng
RT: 19.664 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:202 Resp: 99464

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.6
203	17.4	13.9	20.9



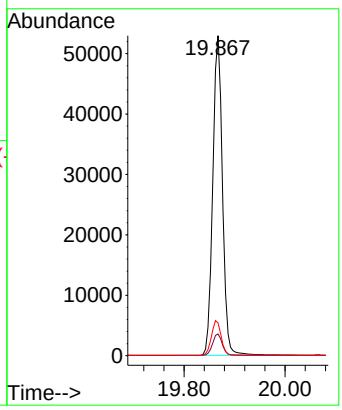
Instrument :
BNA_N
ClientSampleId :
PB138774BS

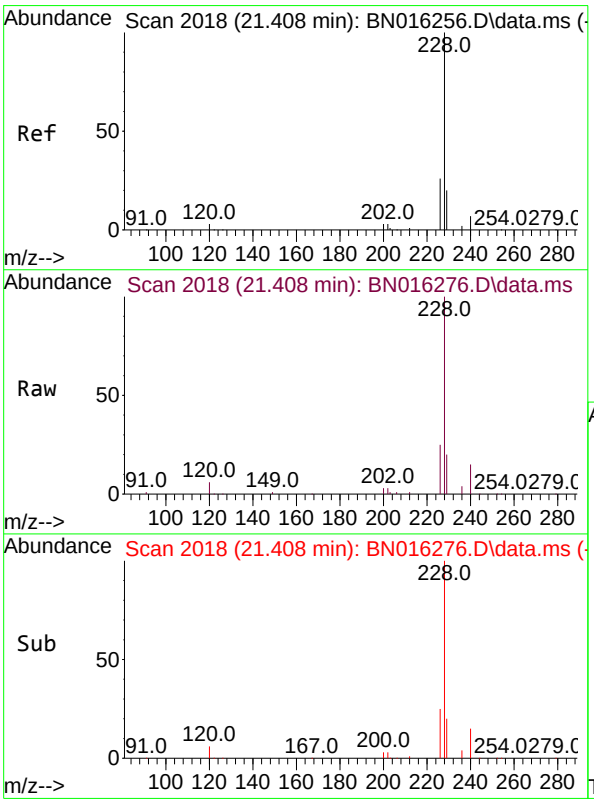


#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.867 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:244 Resp: 70557

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.2	9.0	13.4

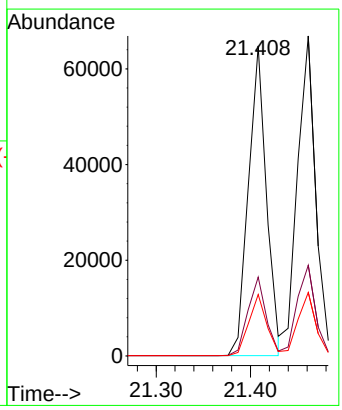




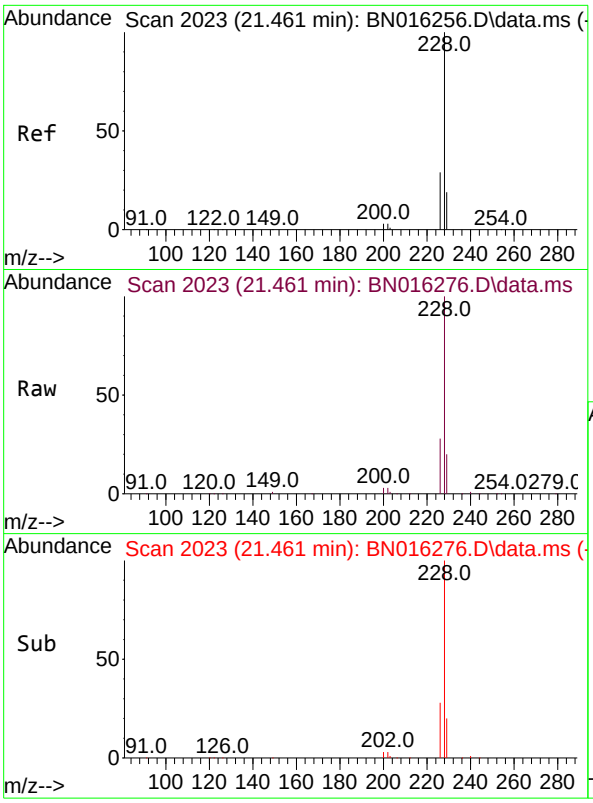
#32
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:228 Resp: 85959

Ion	Ratio	Lower	Upper
228	100		
226	25.4	20.8	31.2
229	19.8	15.8	23.6



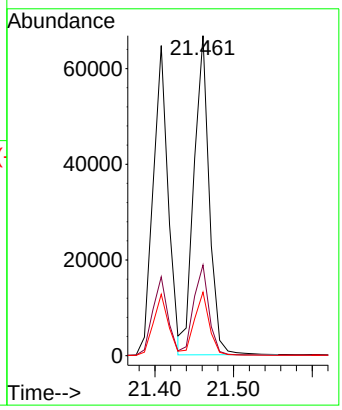
Instrument :
BNA_N
ClientSampleId :
PB138774BS

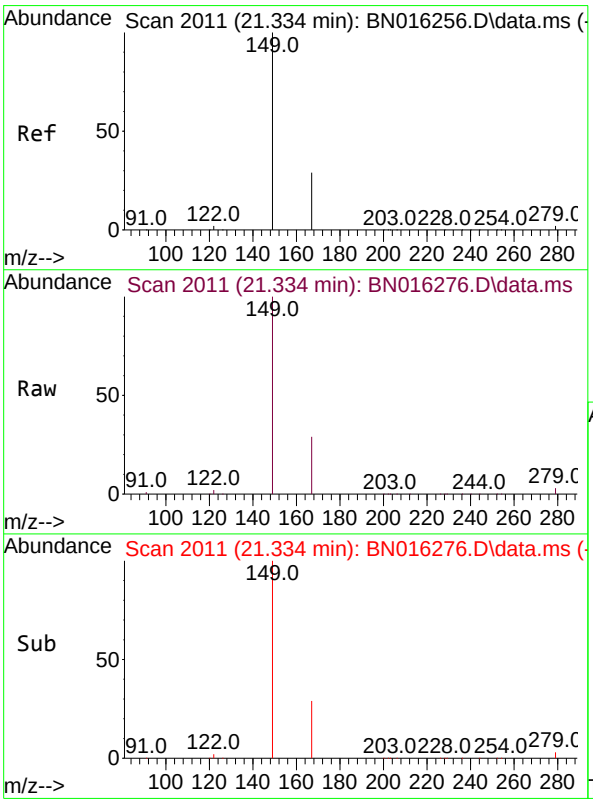


#33
Chrysene
Concen: 0.418 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:228 Resp: 89811

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	19.8	15.6	23.4

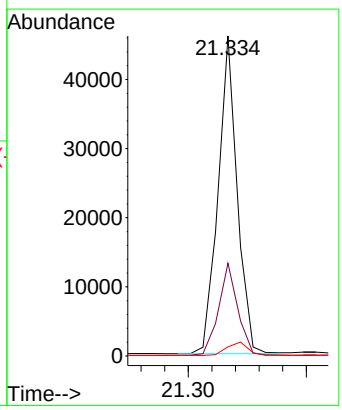


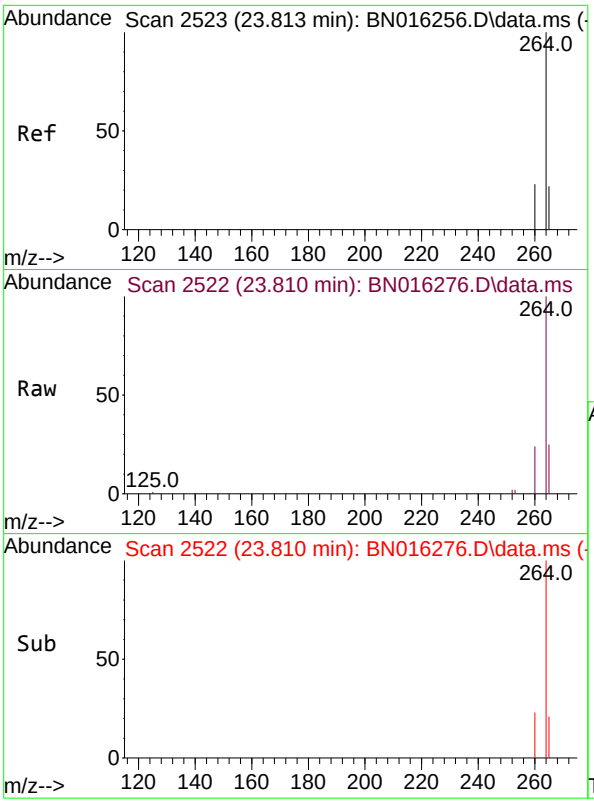


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.334 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:149 Resp: 51694

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.6	3.9	5.9

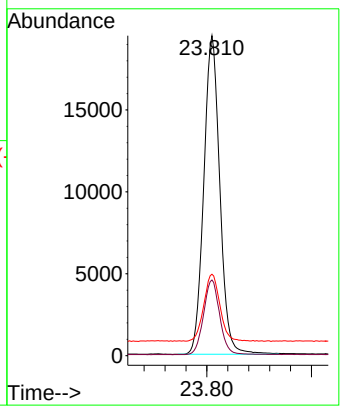




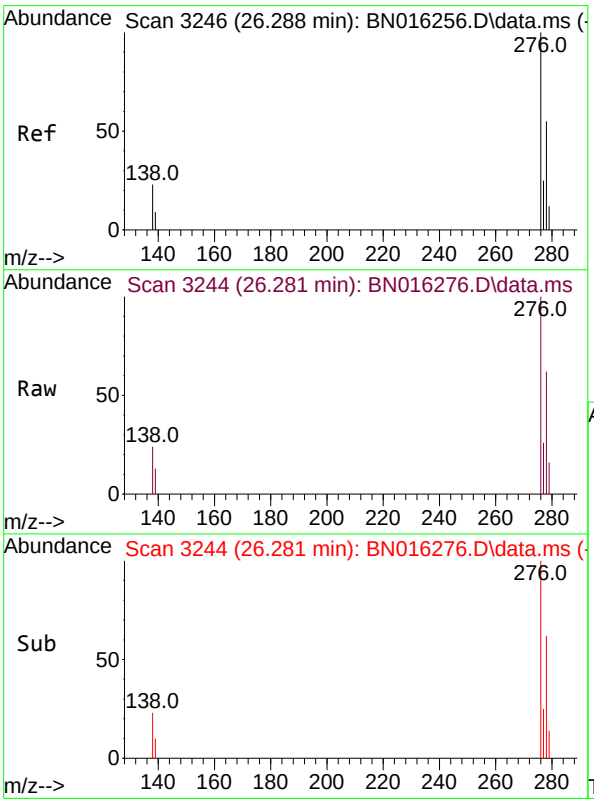
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.810 min Scan# 2522
Delta R.T. -0.003 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:264 Resp: 41390

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	25.4	23.7	35.5



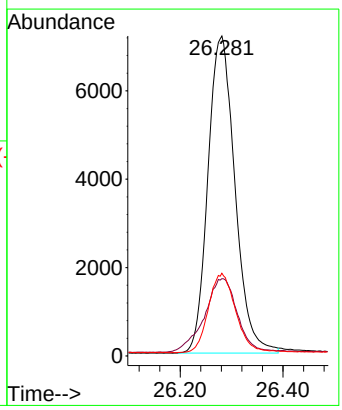
Instrument :
BNA_N
ClientSampleId :
PB138774BS



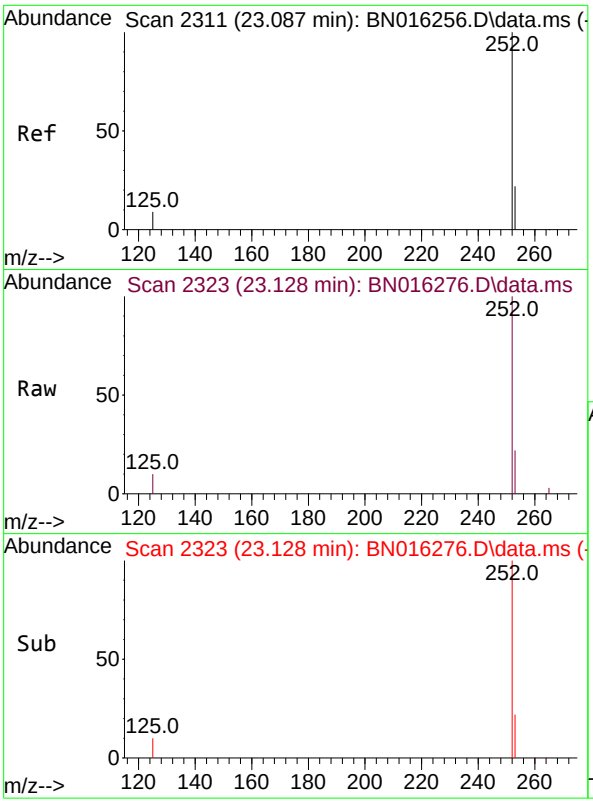
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng
RT: 26.281 min Scan# 3244
Delta R.T. -0.007 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:276 Resp: 26211

Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.3	28.9
277	25.1	20.2	30.2



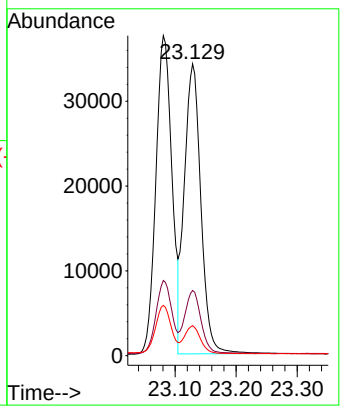
Instrument :
BNA_N
ClientSampleId :
PB138774BS

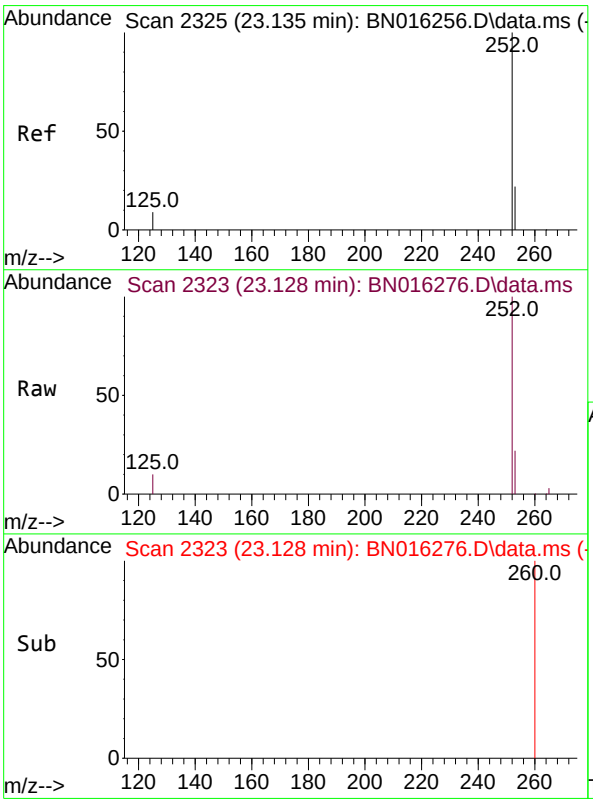


#37
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.128 min Scan# 2323
Delta R.T. 0.041 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:252 Resp: 64309

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.3	8.4	12.6

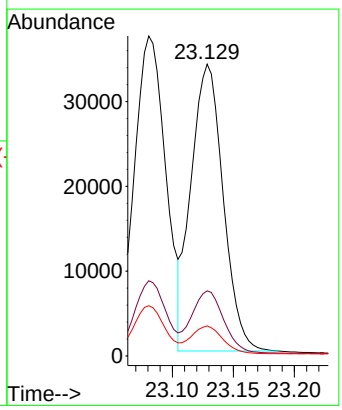




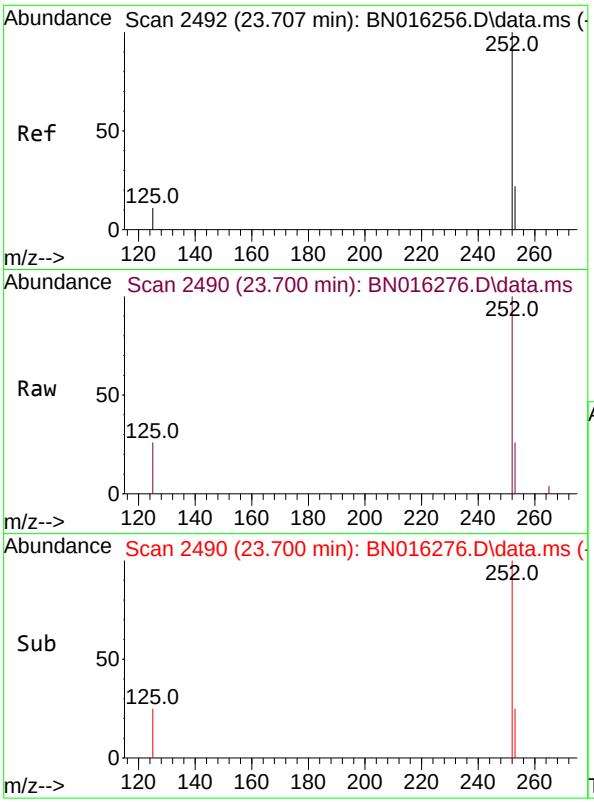
#38
Benzo(k)fluoranthene
Concen: 0.435 ng
RT: 23.128 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:252 Resp: 61925

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.3	8.2	12.4



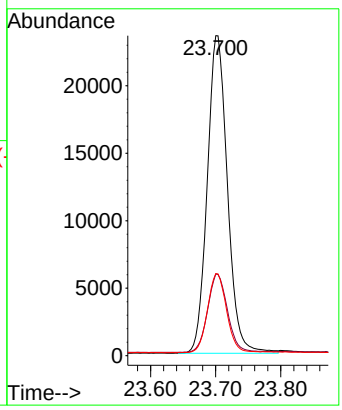
Instrument :
BNA_N
ClientSampleId :
PB138774BS

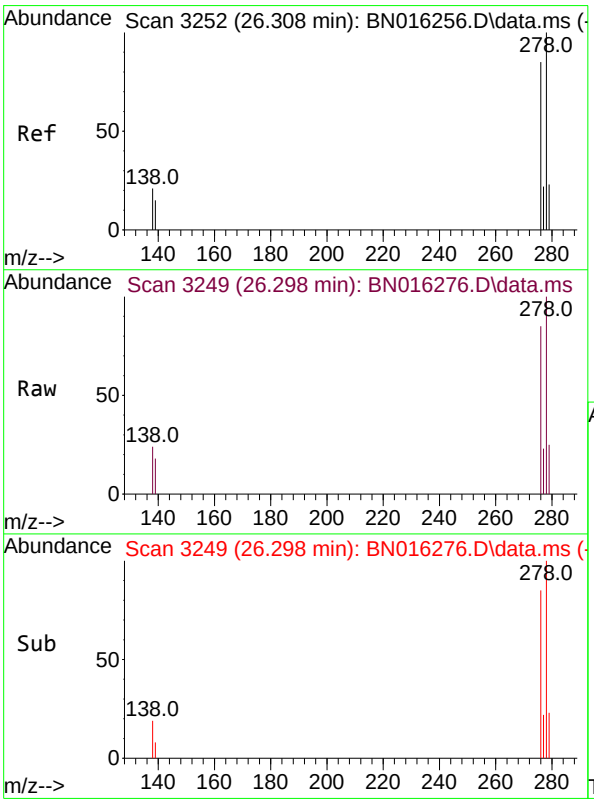


#39
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.700 min Scan# 2490
Delta R.T. -0.007 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:252 Resp: 50712

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.7	28.1
125	25.6	9.9	14.9#

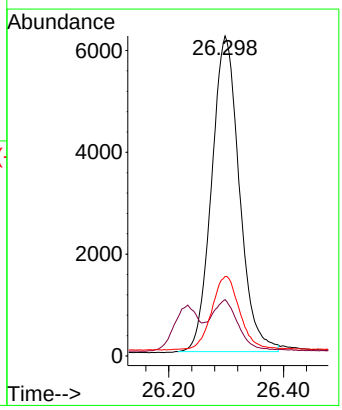


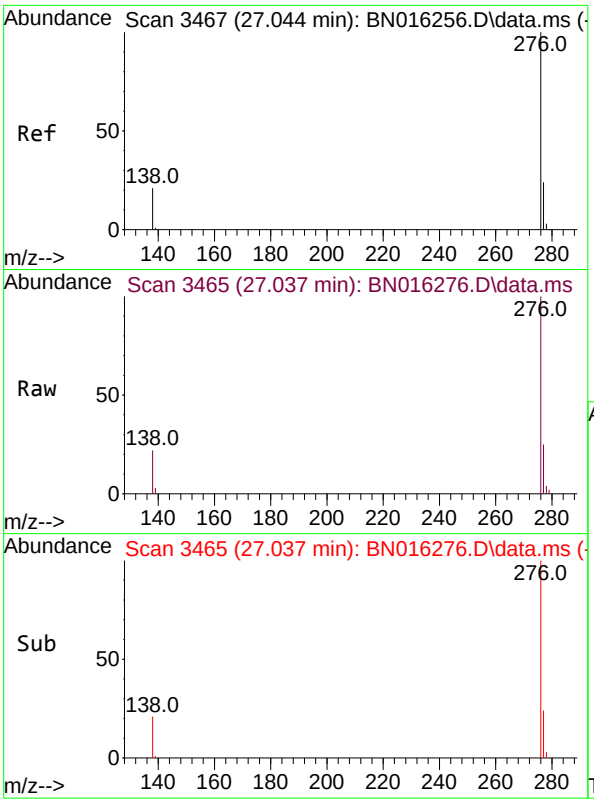


#40
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 26.298 min Scan# 3249
Delta R.T. -0.010 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:278 Resp: 20732

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.2
279	24.9	21.3	31.9

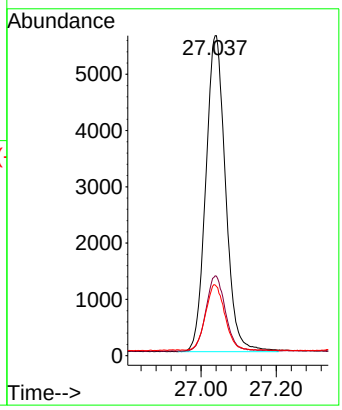




#41
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 27.037 min Scan# 3465
Delta R.T. -0.007 min
Lab File: BN016276.D
Acq: 10 Sep 2021 03:55

Tgt Ion:276 Resp: 20516

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.5	30.7
138	22.1	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB138774BS